Biographical Information
Please enter your name as it appears on your passport and/or birth certificate

Name: Last Perrotti  First Nicholas  Middle Christopher  SSN *** - ** - 7474

Date of Birth: 04-19-1990

U.S. Citizens and Permanent Residents Only: The U.S. Department of Education requires Cornell University to report on the racial or ethnic composition of your student enrollment, but self-identification is entirely voluntary. Please answer the following two questions:

Are you Hispanic or Latino (a person of Cuban, Mexican, Puerto Rican, South or Central American, or Spanish origin)?  Yes X No

Please select one or more of the ethnicities with which you identify:

☐ American Indian or Alaskan Native  ☐ Black or African American  ☒ White / Caucasian

☐ Asian American  ☐ Native Hawaiian or Other Pacific Islander

Email address: ncp25@cornell.edu

Citizenship Status: X U.S. Citizen  ☐ U.S. Permanent Resident  ☐ Foreign National

Country of Citizenship:  City of Birth: New Brunswick, NJ  Country of Birth:

Home Country Address: 

Veteran of U.S. Armed Forces?  ☐ Yes X No  Currently enrolled in a Cornell Undergrad program?  ☐ Yes X No

Previously attended Cornell?  ☐ Yes X No

Term of Graduation with Bachelors: 20120527

Academic Information
Proposed Field of Study: Mechanical Engineering, M.Eng  Proposed Degree Program:

Proposed Term and Year of Admission: Fall 2012

List all colleges or universities you have attended or are now attending:

School Name 1: Cornell University  CEEB: 1734318  Attended From: 08-2008

City: Ithaca  State/Province: NY  Country:  Attended To: 05-2012

Major Subject: Mechanical Engineering  Degree Earned? X Yes ☐ No

Degree Type: undergraduate  Degree Earned: BS  Degree Date: 05-2012 GPA: 3.701 Scale: 4

School Name 2:  CEEB:  Attended From:

City:  State/Province:  Country:  Attended To:

Major Subject:  Degree Earned? ☐ Yes ☐ No

Degree Type:  Degree Earned:  Degree Date: GPA: Scale:

School Name 3:  CEEB:  Attended From:

City:  State/Province:  Country:  Attended To:

Major Subject:  Degree Earned? ☐ Yes ☐ No

Degree Type:  Degree Earned:  Degree Date: GPA: Scale:

Grade Point Average
Undergraduate cumulative GPA: 3.701  Out of a total possible 4
Undergraduate major GPA: 3.81  Out of a total possible 4
**Academic and other employment related to your proposed field of study:**

<table>
<thead>
<tr>
<th>Position</th>
<th>Employer or Institution</th>
<th>Nature of Work</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sr. Technical Co-op</td>
<td>Space Systems/Loral</td>
<td>Mechanical Structural Design</td>
<td>08/2010 to 08/2011</td>
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<tr>
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</table>

**Academic honors, fellowships, scholarships, and other awards you have received:**

- Cornell Club of Philadelphia Rumsey Scholarship

**Publications and original work:**

**Other languages you have studied (indicate the number of years):**

**Names of any Cornell faculty members whom you have consulted about admission:**

- Paul Dawson, Nanette Peterson

**Other graduate schools to which you are applying:**

**Unofficial Test Scores**

<table>
<thead>
<tr>
<th>Unofficial Test Scores</th>
<th>GRE Subject</th>
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</thead>
<tbody>
<tr>
<td>Test Date: _____ / _____</td>
<td>Test Date: _____ / _____</td>
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<tr>
<td>Registration Number: __________________</td>
<td>Registration Number: __________________</td>
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<tr>
<td>Verbal: ___________</td>
<td>Subject: __________________</td>
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<td>Quantitative: ___________</td>
<td>Score: ___________</td>
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<tr>
<td>Analytical: ___________</td>
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<table>
<thead>
<tr>
<th>GMAT</th>
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<tbody>
<tr>
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<tr>
<td>Registration Number: __________________</td>
<td>Quantitative: ___________</td>
</tr>
<tr>
<td></td>
<td>Analytical: ___________</td>
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<table>
<thead>
<tr>
<th>TOEFL</th>
<th>Native Language: __________________</th>
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<tr>
<td>Test ID: __________________</td>
<td>Test Type: __________________</td>
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<td>iBT Test Date: _____ / _____</td>
<td>PBT Test Date: _____ / _____</td>
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<tr>
<td>Reading: ___________</td>
<td>Section 2: ___________</td>
</tr>
<tr>
<td>Speaking: ___________</td>
<td>Section 3: ___________</td>
</tr>
<tr>
<td>Writing: ___________</td>
<td>Total: ___________</td>
</tr>
</tbody>
</table>
Financial Support Application

Do you want to be considered for university fellowship and assistantships?  ☒ Yes ☐ No
Do you want to be considered for university special diversity fellowships?  ☒ Yes ☐ No
Are you applying through the Employee Degree Program?  ☐ Yes ☐ No  ☐ Not a Cornell Employee

List sources of non-Cornell financial support (such as fellowship or corporate support) for the coming academic year that you have already been (or will be) awarded or for which you have applied:

Source 1: ___________________________________________  Amount in U.S. Dollars: 
Amount has been: ☐ Awarded ☐ Applied for  Date of Award: _____ / _____
Source 2: ___________________________________________  Amount in U.S. Dollars:
Amount has been: ☐ Awarded ☐ Applied for  Date of Award: _____ / _____

Recommender Information  Name and addresses of two or three persons who are acquainted with your academic work in your proposed field of study. Place check marks beside the names of those whom you have asked to write letters of recommendations:

Rec 1: Last: Dawson  First: Paul  Email: prd5@cornell.edu
Address: Frank H T Rhodes Hall, Room 196, Cornell University  Country: United States of America
City: Ithaca  State/Province: NY  Postal code: 14853  Submitted: ☐ Online ☐ By Mail

Rec 2: Last: Thoroughman  First: Judy  Email: jmt14@cornell.edu
Address: Upson Hall, Room 219  Country: United States of America
City: Ithaca  State/Province: NY  Postal code: 14853  Submitted: ☐ Online ☐ By Mail

Rec 3: Last: __________________________  First: __________________________  Email: __________________________
Address: __________________________  Country: __________________________
City: __________________________  State/Province: ______  Postal code: ______  Submitted: ☐ Online ☐ By Mail
Cornell ID Number: 1892066
Cornell netID: ncp25

Plan for Completion of Final Semester of Undergraduate Degree:

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Undergraduate Credits</th>
<th>Graduate Credits</th>
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</thead>
<tbody>
<tr>
<td>CEE 5970</td>
<td>Risk Analysis and Management</td>
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<td>3.0</td>
</tr>
<tr>
<td>MAE 5010</td>
<td>Future Energy Systems</td>
<td></td>
<td>3.0</td>
</tr>
<tr>
<td>MAE 5860</td>
<td>Automotive Engineering</td>
<td></td>
<td>3.0</td>
</tr>
<tr>
<td>ORIE 5150</td>
<td>Economic Analy. of Eng. System</td>
<td></td>
<td>4.0</td>
</tr>
<tr>
<td>MAE 5949</td>
<td>Enterprise Eng. Colloquium</td>
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<td>1.0</td>
</tr>
<tr>
<td>PLPA 2010</td>
<td>Magic Mushrooms, Misch Molds</td>
<td></td>
<td>2.0</td>
</tr>
</tbody>
</table>

Research Experience

Please describe in 500 words or fewer any research experience you have had that might be relevant to your graduate study at Cornell:

______________________________________________________________________
______________________________________________________________________
______________________________________________________________________
______________________________________________________________________
______________________________________________________________________
______________________________________________________________________
Nicholas Perrotti  
Cornell University  
Mechanical and Aerospace Engineering  
Master of Engineering Statement of Purpose  
Due: 1 November 2011

I have decided to pursue a Master of Engineering in mechanical engineering because I would like to apply and expand upon what I have learned in my undergraduate career at Cornell. I am excited about the program because I find it to be highly flexible and believe it will allow me to tailor the degree to my specific interests. I believe holding a Masters will benefit me in my post graduate career because it will broaden my options beyond those I would have with just a Bachelors degree. During the MEng I would like to pursue further technical studies in the mechanical engineering field as well as branch out and take classes that I believe will benefit me in my future career.

I am particularly interested in mechanical systems and would like to take classes that give insight into the design and analysis of engineering systems. This includes classes in both systems engineering such as Applied Systems Engineering (MAE 5910) and more mechanical engineering specific courses such as Future Energy Systems (MAE 5010). With my MEng project I hope to work on an assignment that involves heavy design work and allows me to garner skills that will lead to future industry expertise. I am also interested in developing skills on the less technical side of engineering. Therefore, I would like to explore options in engineering management, entrepreneurship, and finances in addition to my core technical courses. By combining the technical and nontechnical aspects of engineering and taking classes at levels beyond those I completed in my undergrad, it is my hope that the Master of Engineering Program in MAE will provide the stepping stone I need to propel me into a successful career in engineering.
March 10, 2012

Nicholas Perrotti  
32 Eisenhard Drive  
Ivyland, PA 18974  
cmp25@cornell.edu  

Dear Nicholas:

Congratulations! On behalf of the Sibley School of Mechanical and Aerospace Engineering, it is my pleasure to inform you of your admission into the Master of Engineering program in Mechanical Engineering for Fall 2012. Final admission is contingent upon completion of your bachelor’s degree. Please note that as a professional degree program, the cost of the program is paid by the student.

Tuition for the 2012-2013 academic year is $43,185. Information on student loans can be found at: http://www.gradschool.cornell.edu/costs-and-funding/loans

Please read the following closely since there are several steps to completing your admission.

1. Please reply to this offer of admission online by **April 15, 2012** at: http://www.gradschool.cornell.edu/response

2. If you wish to accept admission, **we require a $500 non-refundable deposit by May 1**. This should be in the form of a *cashier’s check or money-order* made out to **Cornell University** and sent to:

   Judy Thoroughman, MEng Program Coordinator  
   219 Upson Hall, Cornell University  
   Ithaca, NY 14853

   Once you matriculate, the $500 will be transferred to your bursar account sometime during the fall semester.

3. Additional information about necessary forms and deadlines may be found at: http://www.gradschool.cornell.edu/nextstep/

   Once again, congratulations. If you should have any questions, please don’t hesitate to contact me.

Sincerely,

Judy Thoroughman,  
Master of Engineering Program Coordinator

cc: Anne Haessner, The Graduate School
### Recommendation Form

**Applicant name:** Perrotti Nicholas Christopher

**Proposed field and degree program:**

**Applicant DOB (for identification purposes):** 04-19-1990

**Proposed Admit Term:**

---

In accordance with the Family Educational Rights and Privacy Act of 1974, the applicant can waive his/her right to inspect this recommendation. Should the applicant decide not to waive the right, he/she will have access to the recommendation only if he/she enrolls in the Graduate School at Cornell University.

**X** I hereby waive my right of access to the information* Nicholas Christopher Perrotti 11-03-2011

**☐** I hereby DO NOT waive my right of access to the recommendation

---

**Recommender: Please compare the applicant with one of the following**

- [ ] Undergraduates from your institution who have gone on to graduate study
- [X] Current senior undergraduates at your institution
- [ ] Other

<table>
<thead>
<tr>
<th>Academic performance</th>
<th>Top 2%</th>
<th>Top 5%</th>
<th>Top 10%</th>
<th>Top 25%</th>
<th>Top 50%</th>
<th>Bottom 50%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intellectual potential</td>
<td></td>
<td></td>
<td></td>
<td>[X]</td>
<td></td>
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<tr>
<td>Creativity and originality</td>
<td></td>
<td></td>
<td></td>
<td>[X]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Motivation for graduate study</td>
<td></td>
<td></td>
<td></td>
<td>[X]</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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Write candidly about the applicant. Indicate how long and in what capacity you have known the applicant. Discuss the applicant's qualifications and potential to carry on advanced study in the field specified, as well as his or her promise of professional success. In describing such attributes as motivation, intellect, and maturity, discuss both strong and weak points. Specific examples are more useful than generalizations. Indicate rank in class, if known. If possible, compare the applicant with others you have recommended who have attended or are attending the Graduate School at Cornell University. If the applicant's first language is not English, comment on his or her ability to read, write, speak and teach in English.

**Recommender Signature** Paul Dawson

**Date** 11-03-2011

**Name** Paul Dawson

**Title** Dr.

**Email Address** prd5@cornell.edu

**Telephone** 607-255-3466

**Institution Name** Cornell University

**Institution Address**
- Frank H T Rhodes Hall, Room 196, Cornell University
- Ithaca, NY 14853
- United States of America

*This recommendation will remain confidential during the admission process and will be used by The Graduate School in its procedures relative to admissions and fellowships. If the student waived the right of access to the recommendation, it will become accessible to the student only if he or she enrolls in The Graduate School.*
I am pleased to recommend Nicholas Perrotti for admission in the Master of Engineering Program. I know Nicholas from MAE 4140, Mechanics of Light-Weight Vehicles, this semester as well as serving recently as his academic advisor. MAE 4140 has a relatively small enrollment (20 students), has both a lecture and laboratory, and does not have a TA, so I have a good opportunity to get to know all the students. The course strikes a balance among theory and experiment with the assignments consisting of five projects that involve measuring and computing different behaviors associated with light-weight vehicles. Each student works with a lab partner, so there is an element of teamwork without the effort and learning of a project becoming too diffusely spread among team members. Nicholas is a capable student who will benefit greatly from the MEng program. Thus, I recommend him without reservation.