

Meredith M. Dobrzynski

4922 Old Page Road Apt. 132
Durham, NC 27703
Cell: (973) 800-3236

403 College Ave Apt. 2
Ithaca, NY 14850
Email: mmd272@cornell.edu

EDUCATION

Cornell University, College of Engineering, Ithaca, NY
Bachelor of Science, Computer Science
Minor: Information Science
GPA: 3.392, Dean's List Spring 2018 and Fall 2018

Expected May 2020

University of Cambridge, Girton College, Cambridge, UK

July 2018-August 2018

Experienced Cambridge student life during an intense four-week engineering course that included four modules: Renewable Electric Energy, Jet Engines, Nanotechnology, and Quantum Technology

Relevant Courses: Data Struct & Functional Prog, Systems Prog, Obj-Oriented Prog & Data Structures, Operating Systems, Computer Vision, Artificial Intelligence, Designing Tech for a Social Impact, Discrete Structures, iOS App Dev, Backend

WORK EXPERIENCE

Hernandez Research Group, Ithaca, NY, *Undergraduate Researcher*

January 2019-Present

- Assist in research that focuses on the mechanical properties of living biological materials and the response of live tissues to mechanical loading under Professor Christopher Hernandez
- Develop image processing software that will detect bacteria within microfluidic devices and measure cell shape and number using computer vision techniques

Cornell Computing and Information Science, Ithaca, NY, *Teaching Assistant*

August 2018-Present

- Assist undergraduate students master their knowledge in Artificial Intelligence, an upper level computer science class
- Host weekly office hours for one to three hours to help students with course material
- Support the professor by grading exams and assignments for 250 students

Cornell Engineering Registrar, Ithaca, NY, *Administrative Assistant*

September 2016-Present

- Provide administrative support to four supervisors by answering the phone, and filing and scanning student records
- Respond to five to ten student inquiries regarding course enrollment and transfer credit during each shift

EXTRACURRICULARS

TalkAbout, Ithaca, NY, *Co-Founder*

January 2019-Present

- Developing a mobile and web app, called TalkAbout, that will provide a secure, accessible platform where everyone can access quality mental health services

Cornell Engineering, Ithaca, NY, *Peer Advisor*

August 2018-Present

- Volunteer to co-lead a seminar for one hour a week to assist new students in transitioning from high school to college
- Answer questions about student life and course enrollment, and make referrals to appropriate university offices
- Encourage and exemplify study skills and co-curricular involvement

Cornell Diversity Programs in Engineering, Ithaca NY, *NACME Scholar*

August 2018-Present

- Selected to participate based on a demonstrated commitment to minority student success
- Receive strategic support from NACME for academic endeavors and professional development

SoNIC Workshop Cornell Engineering, Ithaca, NY, *Participant*

June 2018

- Conducted cloud and networking research with a faculty research mentor
- Attended lectures given by faculty members to learn about the process of attaining a PhD and conducting research

SPECIALIZED SKILLS

Languages: Python, Java, C, OCaml, MATLAB, HTML, CSS, PHP, SQL, Assembly (MIPS32), Swift

Development Tools: Git, Eclipse, MathWorks, Visual Studio, Atom

Operating Systems: Windows, Macintosh, Linux (Ubuntu)