

Meredith M. Dobrzynski

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EDUCATION

Cornell University, College of Engineering, Ithaca, NY

Expected May 2020

Bachelor of Science, Computer Science

Minor: Information Science

GPA: 3.459, Dean's List Spring 2018, Fall 2018, Spring 2019

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

Capital One, McLean, VA, *Software Engineer Intern*

June 2019-August 2019

- Participate in software development of a Spring Boot application using Agile/Scrum development process

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

January 2019-Present

- Develop image processing software that will detect bacteria within microfluidic devices and measure cell shape and number using computer vision techniques under Professor Christopher Hernandez

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, making copies, 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 with the academic transition 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

CU Empower Cornell Diversity Programs in Engineering, Ithaca, NY, *Mentor*

August 2017-Present

- Provide guidance to support academic achievement of one first-year student each year
- Attend monthly meetings with mentee to answer questions they may have about academics at Cornell as a computer science student, as well as career and personal goals

SPECIALIZED SKILLS

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

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

Operating Systems: Windows, Macintosh, Linux (Ubuntu)