

Suzanne O'Meara

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OBJECTIVE

I would use a software internship opportunity to apply the skills I have gained through MIT's rigorous coursework on important, real-world problems. I look forward to learning more about how software engineers integrate their work into existing infrastructures.

EDUCATION

Massachusetts Institute of Technology, Cambridge, MA — Electrical Engineering and Computer Science

SEPTEMBER 2016- JUNE 2020

Attained sophomore standing this spring. GPA not yet available due to MIT policy. Relevant coursework:

- Computation Structures (A)
- Fundamentals of Programming (ongoing)
- Introduction to Algorithms (ongoing)
- Signals and Systems (ongoing)

UW-Madison, Madison, WI — Special Student

SEPTEMBER 2015 - MAY 2016

GPA: 4.0

Coursework as a special student included: Physics (Mechanics, Electricity and Magnetism), and Math (Multivariable Calculus, Linear Algebra and Differential Equations).

EXPERIENCE

UW-Madison, Madison, WI — Student Researcher

SEPTEMBER 2015 - AUGUST 2016

Performed research in theoretical computer science under Professor Shuchi Chawla. Used MATLAB-based and analytical proofs to examine auction theory problems.

Metcalf's, Madison, WI — Deli Clerk

APRIL 2016 - AUGUST 2016

Served customers, prepared food, maintained deli area, close deli area down at end of day.

PROJECTS

Cryptomania — Cipher-solving game

Built from scratch using javascript, HTML, CSS, and Bootstrap, "Cryptomania" can be found at <https://suzanneom.github.io/> and played by anyone.

SKILLS

Fluent in python

Proficient in C++, HTML, CSS, and javascript

Some knowledge of arduino, PHP, and assembly

Computer architecture knowledge- built small virtual processor and OS

AWARDS

Siemens Semifinalist 2015
for studying ways to implant nanosensors into biomedical devices

National Honor Society for high GPA and 60+ hours of community service