

# Suzanne O'Meara

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<https://sbomeara.github.io/>

## 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 HTML, CSS, and javascript

Some knowledge of C++, 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