

Suzanne O'Meara

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Skills

Proficiency in python and javascript. Leadership and organizational skills built through student body vice presidency and by founding and running my high school's programming club for four years.

Experience

SEPTEMBER 2015 - AUGUST 2016, JUNE 2014-AUGUST 2014

University of Madison-Wisconsin – *Student Researcher*

- Worked with Professor Shuchi Chawla of the UW computer science department
- Studied topics in auction theory and game theory by creating handwritten and computationally driven proofs
- Worked under Professor Susan Hagness in a computational electromagnetics laboratory
- Performed computer simulations and practical microwave ablation experiments

JUNE 2015 - AUGUST 2015

Northeastern University – *Summer Intern*

- Researched in the biological nanosensor lab of Professor Heather A. Clark
- Worked to conceptualize and test designs for implantable blood potassium monitors

SEPTEMBER 2010 - MAY 2016

Science Olympiad – *Senior Captain*

- Compete and win national and state medals in topics ranging from scientific communication to spring-propelled vehicles
- Design, fabricate, and optimize small cars propelled by mousetraps, gravity, springs, and batteries.

Education

SEPTEMBER 2015 - MAY 2016

University of Wisconsin-Madison – *Special Student*

Earned a 4.0 GPA for 17 credits of study in math and physics, including differential equations and basic quantum mechanics

SEPTEMBER 2016-

Massachusetts Institute of Technology – *Undergraduate Student*

Intended electrical engineering and computer science major

Awards

Siemens Semifinalist 2015

Attendee of CEE's Research Science Institute 2015