

# Meagan Hiatt

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## EDUCATION

**Worcester Polytechnic Institute**, 100 Institute Rd. Worcester MA 01609

*M.S. Robotic Engineering, 2017*

*B.Sc. Robotic Engineering & Electrical and Computer Engineering, 2016*

*Minor in Chinese Studies, 2016*

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## PROJECT WORK

### **Dynamically Adjusting Prosthetic Socket (MQP)**

**2015-2016**

*Worcester Polytechnic Institute*

Interdisciplinary project (Robotics, Mechanical, Biomedical and Electrical & Computer Engineering).

Worked on a team of 5 to design an adjustable prosthetic socket. Final report was published.

### **Unified Robotics I-IV**

**Various (During School Year)**

*Worcester Polytechnic Institute*

Worked with ROS, Turtlebots and Arduino. Wrote final report and presented final projects.

Specialty was circuit design and programming.

### **Creating Access to East Kowloon Harbor (IQP)**

**Oct 2014 – Mar 2015**

*Worcester Polytechnic Institute*

Assessed the pedestrian environment and accessibility of Kwun Tong, Hong Kong on a team of four. Presented to project sponsors and project report was published.

### **Software Engineering Course**

**Fall 2014**

*Worcester Polytechnic Institute*

Worked on a team of fourteen people to design software to deliver weekly products. Had the role of project manager. Used Java and worked primarily on GUI

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## WORK EXPERIENCE

### **Girls Who Code - Teacher**

**Summer 2015, Summer 2016**

*Girls Who Code 28W 23<sup>rd</sup> Street, New York, NY 10010*

Seasonal

7 week summer intensive teaching high school juniors and seniors computer science. Included

Java, JavaScript, HTML, CSS, Python. Instructed 20 student and directed 2 TA's.

### **CS Office Assistant**

**Oct 2013- Present**

*Worcester Polytechnic Institute Worcester, MA*

Part-time, 10hrs per/wk

Answered phones, greeted people, assisted professors and students with admin work. Putting away supplies, organizing and stocking break rooms and copy rooms.

### **Student Tutor**

**Mar 2014- Present**

*Worcester Polytechnic Institute Worcester, MA*

Part-time, 10hrs per/wk

For classes Unified Robotics II, Intro to Electrical and Computer Engineering & Intro to Digital Circuit Design. Ran lab sessions, held office hours, created and graded homework.

## LEADERSHIP & ACTIVITIES

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### **WPI Society of Marital Artists Student Club**

**May 2013 – Present**

*Worcester Polytechnic Institute*

Instructor: Teach Students the art of Kendo    Club Officer: Webmaster  
Created/Maintain SOMA website and maintain OrgSync and Facebook.

## SKILLS

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**Memberships:** Society of Women Engineers

**Technical:** familiar with Windows, Mac OS and Linux, proficient in MATLAB, Simulink, ROS, Altium, Eagle, Multisim, Eclipse, Microsoft office (including Visio and Access), Adobe (Acrobat, Illustrator, Dreamweaver) and LaTeX. Familiar with C, C++, C#, CSS, Java, PhP, Python, XHTML and HTML.

**Languages:** Fluent in English, basic Mandarin Chinese.