

# Carolyn Vlach

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<http://carolynvlach.com>

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## EDUCATION

### University of Michigan

B.S. LS&A

*Computer Science, Discrete and Algorithmic Methods & Spanish*

*April 2015*

**GPA:** 3.8/4.0

## EMPLOYMENT

### Computer Science Engineering

*University of Michigan College of Engineering*

*Instructional Aid for EECS 183: Elementary Programming Concepts*

*August 2013 –*

*May 2015*

Duties included preparing and leading a weekly hour-long discussion, holding office hours to assist students with assignments and understanding course concepts, creating projects, attending weekly staff meetings, grading examinations, and supporting course faculty.

**Contact:** Dr. Mary Lou Dorf – [mdorf@umich.edu](mailto:mdorf@umich.edu)

### Profitability of Hawaii

*Honolulu, Hawaii*

*Web Development Summer Intern*

*June 2014 –*

*August 2014*

Integrated and customized document signature / signature replay functionality from the company's existing mobile app into the company's web app. App is written in HTML and JavaScript and supported in Chrome, Internet Explorer, and Firefox.

**Contact:** Bill White – [bwhite@poh.com](mailto:bwhite@poh.com)

### Educational Theatre Company

*University of Michigan Office of New Student Programs*

*Actor*

*March 2013 –*

*May 2014*

Worked collaboratively in small ensembles to prepare theater productions focusing on relevant issues at the University of Michigan to be performed for fellow students.

**Contact:** Callie McKee – [csmkkee@umich.edu](mailto:csmkkee@umich.edu)

## COMPUTER SKILLS

### Coursework:

Data Structures and Algorithms • Foundations of Computer Science • User Interface Development • Computer Organization • Theory of Algorithms • Software Engineering • Web Databases and Information Systems • Intro to Machine Learning • Mobile App Development for Entrepreneurs

### Languages:

C++ [highly proficient] • JavaScript [intermediate] • HTML [intermediate] • Python [intermediate] • Java [intermediate] • XML [intermediate]

### Other:

Linux [proficient] • Xcode [proficient] • Android Studio [proficient] • Chrome Developer [proficient] • Google Docs [proficient] • Microsoft Office [proficient]

## ADDITIONAL

### Flywheel Women's Ultimate Frisbee

*University of Michigan Club Sports*

*Captain • Treasurer • Athlete*

**Contact:** Ben Murphy – [murphy.ben@gmail.com](mailto:murphy.ben@gmail.com)

*September 2010 –*

*April 2015*