

# EMILY YEH

## ENGINEERING: COMPUTING

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I thrive in fast-paced environments, have enthusiasm for learning, and strive to be a strong and valuable worker. I hope to work as a **software engineering intern** at your company this summer. I want to work for people I can learn from and with whom I can do things that are fun, valuable, fulfilling, and challenging, but I also want to prove myself as someone who can be truly useful in your workplace.

This past summer, I worked at **Pivotal** as an intern on the **Gemfire Management and Monitoring (M&M)** team.

During this time, I worked on the data management platform Pivotal Gemfire and its open-source counterpart, Apache Geode. I got the chance to pair-program with a number of Pivots to squash bugs and create features, and I learned the ropes of how a software company like Pivotal is operated.

I am most experienced with **Java**, but I have also used **Python** and **MATLAB** in my classes and my projects.

## SKILLS

Python  
Java  
HTML/CSS  
MATLAB  
Arduino

## EDUCATION

### Franklin W. Olin College of Engineering

BS Candidate in Engineering: Computing, 2019

## WORK EXPERIENCE

### Olin College

OIE NINJA & Web Dev

Jul 2017 to Present

Currently working as a teaching assistant and website developer for the Olin Introductory Experience course.

### Pivotal Software

Software Engineer Intern

Beaverton, OR

May 2016 to Aug 2016

Worked with the Gemfire Management and Monitoring team to develop and test software, including concurrent systems. Learned about agile development, test-driven development, paired programming, and contributing to both open-source and private projects.

### Olin Biology Research Laboratory

Biology Research Assistant

May 2016 to Aug 2016

Conducted experiments, performed research, and presented findings at conferences in New York and Boston.

## PROJECTS

### Apache Geode & Pivotal Gemfire

May 2017 to Aug 2017

Worked on data management platforms that provide real-time, consistent access to data-intensive applications throughout widely distributed cloud architectures. Improved the quality of the code, solved customer issues, and updated finer-grained security requirements within the products.

### Hacking the Library

Jan 2017 to May 2017

Worked with multiple students to design and code projects that could be used in future versions of not only the college library, but also libraries around the world, including a responsive projects archive, an interactive community calendar, and a stress-relieving experience designed for commuting students.

### Principles of Engineering: Labs and Automated Puppet Show

Sep 2016 to Dec 2016

Worked on a series of labs that included building a bike light, a three-dimensional scanner, and a line-following robot, then worked on a team of five to design, program, and build an automated puppet show and publish a project website.

### Harry Potter and the Biwizard Tournament

Mar 2016 to May 2016

Created a game that uses a webcam feed and color recognition to allow a user to wave a "wand" (in real life) to cast spells (in the game), which are used to defeat enemies from the Harry Potter series.

## AWARDS

### Olin Academic Merit Scholarship

May 2015

Representative of Olin's confidence in a student's ability to succeed in its unique academic environment.

## ACTIVITIES

### Society of Women Engineers (SWE) · Member

Sep 2015 to Present

A club of mostly (but not exclusively) women, which is one of hundreds across the country, each with a mission to help women engineers network and build career ties with one another.

## VOLUNTEER WORK

### Daily Table Volunteers · Student Leader

Sep 2015 to Present

Dorchester, MA

Coordinating a group of students that volunteers at a nonprofit grocery store that serves underprivileged people.