

# Seyoung Kim

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## Education

### University of Pennsylvania, School of Engineering & Applied Science

Philadelphia, PA

CANDIDATE FOR BACHELOR OF APPLIED SCIENCE

May 2020

- Major: Computer Science
- Minor: Mathematics
- GPA: 3.67

## Skills

**Languages** Java, Python, C, JavaScript, Ruby, Bash

**Web Development** Ruby on Rails, Flask, React, HTML, CSS

**Tools and Operating Systems** Git, Docker, Windows, MacOS, Linux

## Experience

### Flexport

San Francisco, CA

SOFTWARE ENGINEERING INTERN

May 2019-August 2019

- Developed compliance tool for the Customs Engineering team using Ruby on Rails, React, and PostgreSQL.
- Implemented a fully-automated system for blocking shipments and flagging them for review, a key step in fulfilling Flexport's compliance goals.
- Worked with product, design, and legal teams to design and roll out the feature during the internship.

### Amazon Web Services

Seattle, WA

SOFTWARE DEVELOPMENT ENGINEER INTERN

May 2018 - August 2018

- Developed a new customer-facing command-line tool for containerized testing of AWS Greengrass using Python and Docker.
- Streamlined testing process by removing about 10 configuration steps and the need for cloud connection.
- Took ownership of project design, milestones, and documentation.

### University of Pennsylvania, Department of Computer and Information Science

Philadelphia, PA

TEACHING ASSISTANT

August 2018 -

- Serving as Head TA for CIS 262, a theory of computation course, for Fall 2019. Previously served as TA for Fall 2018-Spring 2019.
- Revamped TA structure to include dedicated rubric, office hours, and Piazza committees.
- Held office hours, created homework questions, graded homework assignments, answered Piazza questions, created review materials, and taught recitations.

## Projects

### Penn Course Timetable

Summer 2019

- Built website to display historical Penn course information, scraped from unstructured course archive PDFs with Python (Flask).

### Hispanic Student Recognition Program Website (Team Project)

Wilmington, DE

CODE FOR GOOD HACKATHON

November 2017

- Team project: Built website to process applications for Latin American Community Center's Hispanic Student Recognition Program with Python (Django).

## Honors

June 2019

**Fellow**, Rewriting the Code

September 2019

**Selected Attendee**, Out for Undergrad Conference

San Jose, CA

November 2018

**Google Conference Scholarship**, Google Queer Tech Voices Summit

Venice, CA

## Activities

February 2018-

**General Board Representative**, Women in Computer Science

University of Pennsylvania

January 2018-

**Member**, IEEE-Eta Kappa Nu

University of Pennsylvania

May 2019-

**Orientation Peer Advisor**, School of Engineering and Applied Science

University of Pennsylvania

August 2017-May 2019

**Treasurer**, Yalla

University of Pennsylvania

January 2019-

**Treasurer**, Simply Chaos

University of Pennsylvania

February 2019-

**Member**, Bell Senior Society

University of Pennsylvania

January 2017-

**Staff Writer**, Under the Button

University of Pennsylvania