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
- Relevant Coursework: Data Structures and Algorithms, Computer Architecture, Theory of Computation, Probability, Analysis of Algorithms, Operating Systems, Big Data Analytics, Internet and Web Systems

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

Professional Experience

Flexport   *San Francisco, CA*
SOFTWARE ENGINEERING INTERN   *May 2019-*

- Developing compliance tool for the Customs team using Ruby on Rails, React, and PostgreSQL.

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 a TA for CIS 262, a theory of computation course.
- Held office hours, created homework questions, graded homework, answered Piazza questions, created review materials, and taught recitations.

University of Pennsylvania, School of Engineering and Applied Science   *Philadelphia, PA*
ORIENTATION PEER ADVISOR   *May 2019-*

- Serving as peer advisor for incoming first-year students in engineering.

Projects

Penn OS   *November 2018*

- Team project: Built basic operating system with file system, scheduler, and shell implemented in C for Operating Systems final project.

Penn Course Timetable   *May-June 2019*

- Built Flask app to display historical Penn course information, scraped from unstructured course archive PDFs.

Distribute Aid   *June 2019-*

- Team project: Currently a member of the development team for Distribute Aid, which aims to build tools to connect refugee aid groups across Europe.

Honors & Awards

June 2019	**Fellow**, Rewriting the Code	
November 2018	**Attendee**, Google Queer Tech Voices Summit	*Venice, CA*

Activities

February 2018-	**General Board Representative**, Women in Computer Science	*University of Pennsylvania*
August 2017-May 2019	**Treasurer**, Yalla	*University of Pennsylvania*
January 2019-	**Treasurer**, Simply Chaos	*University of Pennsylvania*
January 2018-	**Member**, IEEE-Eta Kappa Nu	*University of Pennsylvania*
February 2018-	**Member**, Bell Senior Society	*University of Pennsylvania*
January 2017-	**Staff Writer**, Under the Button	*University of Pennsylvania*