

Seyoung Kim

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Education

University of Pennsylvania

Philadelphia, PA

CANDIDATE FOR B.S.E. IN COMPUTER SCIENCE

May 2020

- GPA: 3.75
- Dean's List: 2016-17, 2017-18
- IEEE-Eta Kappa Nu: Inducted 3/19/2018, Lambda Chapter

Skills

Programming Java, C, Python, OCaml, HTML/CSS

Tools Git, Docker

Operating Systems Windows, Mac OS X, Linux

Engineering SolidWorks, 3D Printing, Laser Cutting

Courses

Computer Science Programming Languages and Techniques; Algorithms and Data Structures; Automata, Computability, and Complexity; Introduction to Computer Architecture

Mathematics Linear Algebra and Differential Equations; Partial Differential Equations; Probability; Discrete Math

Work Experience

Amazon Web Services

Seattle, WA

SOFTWARE DEVELOPMENT ENGINEERING INTERN

May 2018 - August 2018

- Team: AWS IoT Greengrass

University of Pennsylvania, Department of Physics & Astronomy

Philadelphia, PA

TEACHING ASSISTANT

Jan 2018 - May 2018

- Taught a lab section and graded reports for PHYS 151, the introductory electricity and magnetism course.

University of Pennsylvania, Department of Physics & Astronomy

Philadelphia, PA

UNDERGRADUATE RESEARCH INTERN

May 2017 - August 2017

- Investigated chemical growth of two-dimensional materials with applications in desalination and DNA sequencing.

Projects

Hispanic Student Recognition Program Website

Wilmington, DE

CODE FOR GOOD HACKATHON

November 2017

- Built a website using Django to process applications for Latin American Community Center's Hispanic Student Recognition Program.

Activities

Penn Yalla (Belly Dance and Drum Group)

University of Pennsylvania

BUSINESS MANAGER

September 2016 -

- Converted show ticketing system from paper to online and increased 2018 ticket revenue by over 50 percent from 2017.

Women in Computer Science

University of Pennsylvania

GENERAL BOARD REPRESENTATIVE

February 2018 -

- Assisted with organization of WiCS Wellness Week