Hayoun Lim
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Education
San Jose State University
- Applied and Computational Mathematics, Bachelor of Science May 2024 (expected)

Diablo Valley College   GPA: **3.886/4.0**
- A.S Computer Science December 2021
  - Certificates: C++ Programming, Computer Architecture, Program Design
- A.S-T Mathematics May 2022

Relevant Coursework: Data Structures and Algorithms, Numerical Analysis and Scientific Computation, Ordinary Differential Equations, Advanced Python Prog., Advanced Prog. w/ C/C++, Assembly Language/Computer Organization, Programming Design and Data Structures, SQL, Discrete Math, Graphic Design

Skills
Programming Languages: C++, Python, Java, x86 Assembly, SQL, HTML, CSS
Technologies: Xcode | Pycharm | Eclipse | Jupyter notebook |Adobe PS | ChIDE | MS Suite

Work Experience
Sandia National Laboratories, Cyber Security Intern   May 2022 - Present

- Aggregate data from Mitre Attack framework as well as internal source into SQL relational database for analysis.
- Build Python preprocessor for data to be implemented into Snorkel AI pipeline used to label data by applying a weak supervised approach.
- Extract useful information from data analyst reports to add to a database to use as input for Snorkel.
- Assist in construction of pipeline for Snorkel working with a small team of engineers.

Diablo Valley College, Office Administrative Assistant   August 2021 - May 2022

- Assisted financial aid department with filing confidential student documents and guided students through the financial aid process.

GIRL Camp UC Davis, Robotics Instructor/Coach   Summer 2016, Summer 2017

- Motivate primarily middle school girls through peer mentoring teaching leadership and STEM concepts through exciting robotics-based curriculum.
- Teach a curriculum focused on robotics, mathematics, programming, and life skills including leadership, teamwork, building confidence, and breaking gender stereotypes.