

ASHLEY LIN

San Diego, CA 92037

☎ 601-212-7703

✉ ashexiu@gmail.com

🌐 [linkedin.com/in/ashyulin](https://www.linkedin.com/in/ashyulin)

🐙 github.com/ashylin

Education

University of California, San Diego

September 2021 – June 2025

Bachelor of Science in Mathematics - Computer Science

San Diego, State

Relevant Coursework

- Linear Algebra
- Discrete Math and Graph Theory
- Statistical Methods
- Abstract Algebra
- Object-Oriented Design
- Software Tools and Techniques
- Computer Organization and Systems Programming
- Advanced Data Structures
- Data Science in Practice

Experience

HT Family Physicians

Summer 2024

Patient Correspondence Specialist

Stockton, CA

- Implemented macros for letter generation which increased the volume of patient letters sent by 100%.
- Streamlined the letter creation process, reducing manual effort by 50% and minimizing errors.
- Enhanced communication efficiency by collaborating with health care providers to accurately document and manage patient interactions.

Projects

Website for client's Portfolio | *HTML, CSS, JavaScript, Figma, VS Code, GitHub*

July 2024

- Developed a fully functional and responsive website for a local product designer, showcasing portfolios and case studies.
- Implemented features such as a dynamic website animations, theater, and a project grid display.
- Handled front-end design, back-end integration, and deployment of website.

Death Penalty Analysis | *Python, Jupyter Notebook, GitHub*

Spring 2024

- Compiled and cleaned 6 years of crime reports from 3 different states in Jupyter Notebook using Pandas and Seaborn.
- Analyzed state data through comparisons and linear regression models to determine the correlation between the Death Penalty and Homicide rates.

Technical Skills

Languages: Python, Java, C, Assembly, HTML/CSS, JavaScript

Developer Tools: VS Code, Git, Google Workspace, Figma, Procreate

Technologies/Frameworks: Linux, GitHub, JUnit

Leadership / Extracurricular

Triton Gaming

October 2023 – April 2024

Live Stream Production Coordinator

UCSD

- Maintained low latency and high-quality, synchronized audio during live streams on platforms such as Twitch, ensuring seamless broadcast operations.
- Strengthened organizational branding by editing assets for a consistent overlay.
- Optimized streaming workflows and resolved technical issues in real-time, leading to a 40% boost in audience engagement.