

# ASHLEY LIN

San Diego, CA 92037

☎ 601-212-7703

✉ [ashexiu@gmail.com](mailto:ashexiu@gmail.com)

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

🐙 [github.com/ashylin](https://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**

**July 2024 – Present**

*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.