

# ASHLEY LIN

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## Education

**University of California, San Diego**

**September 2017 – 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 generating patient letters, resulting in a 3% increase in the number of letters sent.
- Streamlined the letter generation process, reducing manual effort and minimizing errors.
- Collaborated with healthcare providers to ensure timely and accurate communication with patients.

**Triton Gaming at UCSD**

**October 2023 – April 2024**

*Live Stream Production Coordinator*

*San Diego, CA*

- Managed live streams on platforms such as Twitch, ensuring seamless broadcast operations.
- Edited assets and designed an overlay to establish and maintain a consistent branding identity for the organization.
- Implemented technical solutions to enhance the viewer experience, increasing engagement and audience retention.
- Collaborated with team members to optimize streaming workflows and troubleshoot technical issues in real-time.

## 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.

**Analysis on Death Penalty and Homicide Rate** | *Python, Jupyter Notebook, GitHub*

**March 2024**

- Researched and gathered datasets on states with and without the death penalty and its homicide rates.
- Utilized data analysis libraries in Python to wrangle data and conduct EDA.
- Analyze data through models and visualization to interpret findings.

## Technical Skills

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

**Developer Tools:** VS Code, Google Sheets, Figma, Procreate

**Technologies/Frameworks:** Linux, GitHub, JUnit