

Sang Luong

Recent Graduate

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| [LinkedIn](#) / [GltHub](#)

About Me

Recent Computer Science graduate with foundational knowledge in web development, data analysis, and software engineering. Eager to grow in a technical or IT role through hands-on experience, team collaboration, and continuous learning.

Skills

Java, Python, SQL, PHP, HTML, CSS, Git, Android Studio, MySQL, UNIX/Linux, Data Analysis, Object-Oriented Programming, Software Testing, MVC Architecture

Work & Experience

Three Seven Corner Mart / Customer Service & Technical Support

May 2017 - May 2025, AURORA, CO

On call job, assisted with the following when called:

Installed and maintained basic systems, POS. on-site, gaining hands-on experience with technical setup.

Respond to customer questions and concerns at the front desk and over the phone. (Translation work)

Handled incoming service calls and coordinated with vendors or technicians for issue resolution.

Maintained front-of-house operations while troubleshooting minor equipment issues.

Communicated technical support issues clearly and patiently to non-technical staff.

Snowl / Barista & Cashier

June 2018 - June 2020, PARKER, CO

Prepared and customized drink orders quickly and accurately during peak hours, maintaining high quality and customer satisfaction.

Managed register duties, processed cash/card transactions, and balanced tills at closing.

Handled customer complaints and special requests with professionalism and efficiency.

Collaborated with teammates to maintain cleanliness, organization, and workflow.

Used a POS system and followed standard operating procedures to

manage orders and inventory.

Education

University of Colorado Denver / Bachelor in Computer Science

August 2017 - Graduated May 2025, DENVER, CO

Academic Projects

This is a shortened list, more projects of my academic work are listed on my GitHub.

Password Manager / [GitHub](#)

Tech Stack: Python | IDE: Pycharm

- Developed a secure password storage and retrieval system
- Used hashing and cryptographic algorithms to secure sensitive data
- Implemented CLI-based and GUI prototype

Computer Vision Suite / [GitHub](#)

Tech Stack: Python | IDE: Pycharm

- Implemented edge detection, denoising (box, median, Gaussian filters)
- Built computer vision filters from scratch without OpenCV
- Worked with image transformation, hybrid image generation

Tic-Tech-Toe (Android App) / [GitHub](#)

Tech Stack: Java | IDE: Android Studios

- Developed an advanced multiplayer Tic Tac Toe game in Java using Android Studio
- Integrated Minimax AI for unbeatable bot mode and multiple difficulty levels
- Managed game state persistence using SharedPreferences and history tracking
- Designed interactive UI with multiple screens, custom dialogs, sound effects, and music
- Utilized RecyclerView, Glide, and MediaPlayer for enhanced user experience

E-commerce Website / [GitHub](#)

Tech Stack: PHP, MySQL, HTML/CSS | IDE: Visual Studio Code

- Developed a full-stack PHP-based e-commerce website using the MVC architecture with user authentication, product search, shopping cart, and order management functionality
- Implemented admin dashboard for managing products, users, and orders with add/update/delete features and dynamic summary statistics
- Designed dynamic user features including secure registration/login, checkout system, password update, and order tracking

- Integrated flexible search functionality allowing users to search by product name, category, or color using partial matches in MySQL
- Utilized Bootstrap for responsive UI design and PHP sessions for user state and cart persistence

Data Projects / [GitHub](#)

Tech Stack: Python | IDE: Jupyter Notebook

- Conducted data analysis on global population growth, capital punishment vs. murder rates, and movie script classification
- Applied filtering, visualization, and exploratory analysis using real-world datasets
- Used word frequency analysis for basic natural language classification
- Developed insights using observational study concepts and statistical reasoning