

Steven Li

678-908-2223 | sli861@gatech.edu | [linkedin.com/in/steven-li2834](https://www.linkedin.com/in/steven-li2834) | github.com/StevenLi0114 | US Citizen

EDUCATION

Georgia Institute of Technology

August 2022 - May 2026

Bachelor of Science in Computer Science

Atlanta, GA

GPA: 3.82

Relevant coursework: Data Structures & algorithms, Advanced Algorithms, Object Oriented Programming, Computer Organization & Programming, Computer Systems & Networks, Robotics & Perception

SKILLS

Languages: Python, Java, Kotlin, JavaScript, TypeScript, SQL, XML, YAML, R, C, Assembly

Developer Tools: Git, AWS, Docker, MongoDB, Kubernetes, Jenkins, Jira, Asana

Libraries & Frameworks: NumPy, Pandas, Scikit-learn, Boto3, Espresso, LangChain, FastAPI, Pytest, TensorFlow

EXPERIENCE

Ansys, Inc.

August 2024 – December 2024

Software Engineer Intern

Atlanta, GA

- Implemented streaming response for Chatbot application through Python, FastAPI, LangChain, and MongoDB
- Designed a Helmfile which configured various Helmcharts using Helm and AWS ECR for efficient and reusable deployment onto Kubernetes cluster, resulting in a 30% decrease in deployment time
- Developed new unit tests through Pytest and debugged application errors through Jenkins and local Docker container

Georgia Institute of Technology

August 2023 – December 2024

Undergraduate Research Assistant

Atlanta, GA

- Created CNN model for binary image classification using Python and Tensorflow resulting in 80% accuracy
- Applied Early Stopping and Dropout which reduced overfitting and improved validation accuracy by 10%
- Analyzed model performance using Matplotlib and employed static quantization to optimize model efficiency

Fidelity Investments

June 2024 – August 2024

Software Engineer Intern

Durham, NC

- Automated visual regression testing using Kotlin, Jetpack Compose, the Espresso testing framework, and the Applitools application for more than 50 different Android UI components
- Integrated Visual regression tests onto Jenkins pipeline through an Android emulator set up in AWS S3
- Worked collaboratively through Jira and utilized Git for version control

Orca IoT Inc.

January 2024 – May 2024

Software Engineer Intern

Atlanta, GA

- Created and deployed more than 20 different API endpoints in AWS Lambda using Python, DynamoDB, AWS CloudFormation, and AWS Serverless Application Model
- Debugged multiple API endpoints through Postman API and wrote documentation for completed APIs endpoints through OpenAPI Specification
- Collaborated with Team members through Asana and used Git for version control

PROJECTS

Dungeon Crawler Game Application | *Java, Android Studio, XML, Jira, Git* August 2023 – December 2023

- Developed game application using Java and through the MVVM design pattern in Android Studio
- Applied XML for UI development and performed unit testing through Java, improving application stability by 10%
- Collaborated with a team of 5, using Jira to assign and delegate tasks
- Managed version control with Git and GitHub, enforcing branch protection and pull requests for best practice

Psychological Assistant Web Application | *Python, Pandas, Scikit-Learn* August 2023 – December 2023

- Implemented random forest classifier model using Python, Pandas, Numpy, and Scikit-Learn libraries.
- Utilized Machine Learning techniques such as oversampling, feature selection, and hyperparameter tuning to improve accuracy from 23% to over 60%
- Cooperated with other members to clean up raw data by handling missing values, creating label encoding, and ensure data type conversions