William Li

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Education

The Georgia Institute of Technology   Graduation: May 2026
B.S. Computer Science - Junior   *Current GPA: 4.0/4.0*

Skill

Programming Languages: Rust, Python, Java, JavaScript/TypeScript, HTML/CSS, LaTeX, SQL

Frameworks/API/Database: Android, React, Node.js, Material-UI, Streamlit, OpenAI, WeatherAPI, Firebase

Tools: Git, VSCode, IntelliJ, GenAI, AGILE processes

Projects

InventoryTracker | *NodeJS, Google Firebase, Material UI, OpenAI, Generative AI, Git*   July 2024
- Employs OpenAI to automate inventory listing, decreasing operational time inefficiencies by 80%
- Identifies and documents up to 10+ items in single file using Image to Text AI models
- Allows users to manipulate items from list, reducing avg. time spent on documentation (20 min to 5 mins)

WonderBot (GT Hackalytics 2024) | *Python, LLMs, Generative AI, Streamlit, Git, VS Code*   Feb. 2024
- Developed a custom travel planner, automating an itinerary based on 5+ user preferences with GenAI
- Delivers for variables such as cost, vacation type, duration, and more under 10 seconds
- Reduces user research time/planning from an avg. of 16 hours to 2 hours. a 87.5% decrease

WeatherApp | *Python, StreamLit, OpenWeather API, Git, VS Code*   Dec. 2023
- Developed a OpenWeather application to deliver real-time data based on user input for 200,000+ cities
- Utilized Streamlit with load-time of <0.5 secs for metric presentation (precipitation, wind, temperature, etc)
- Implemented precise weather forecasting via coordinate inputs for 15% accuracy increase

Experience

China Panda | *Operations Manager*   Aug. 2019 – Present
- Facilitate organizational/ transactional logistics such as inventory management and customer service
- Led outreach to delivery/ marketing companies to increase average monthly revenue by 40% since 2022 and expanding customer base by 10+ miles
- Implement tech namely POS system and surveillance, reducing checkout times (25%) and loss incidents (100%)

Data Science @ GT Bootcamp | *Accepted Engineer*   Sept. 2024 - Present
- Develop technical skills with Intel software (i.e. the Intel Developer Cloud)
- Explores data analytics of Big Data with Machine Learning models, reducing data processing by 20%
- Interface with HuggingFace and Gaudi, improving inference speeds by 25% with Intel LLM Leadership

Yellow Jacket Space Program | *Avionics Member*   2024 – Present
- Utilized Rust to on control server to reduce log processing time by 10% and improve data consistency
- Updated configuration checks on flight sequences to ensure 100% accuracy in active configurations for avionics

HeadstarterAI | *Software Engineering Fellow*   July - Aug. 2024
- Engaged with Fortune 500 founders, engineers, and speakers and completed 2+ projects
- Simulate the expectations of a work environment and team communication by completing projects and providing stand-ups at fixed deadlines
- Developed technical skills like LLM integration, reducing work time by 20% via automation and AI tools

Coursework

- **Courses:** Object-Oriented Programming, Data Structures & Algorithms, Discrete Math, Linear Algebra, Calculus, Probability and Statistics, Physics, Object and Design
- **Awards:** Zell Miller Scholarship Recipient, Faculty Honors, Seal of Bi-literacy, International Seals Diploma
- **Languages**: English, Spanish, Mandarin