JASON HAHN

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Passionate problem solver seeking a FT position related to software engineering

Education

Bachelor of Science, Electrical and Computer Engineering | May 2024
The University of Texas at Austin | GPA: 3.48/4.00
Software Engineering & Design

Relevant Coursework: SW Design & Implementation, Circuit Theory, Linear Systems & Signals, Digital Logic Design, Embedded Systems Design Lab, Algorithms, Software Lab, Probability & Statistics, Data Science Lab, Senior Design Capstone, Software Testing, Computer Vision, Software Architectures

Skills

Languages: Java, Python, C, C++, C#, SQL, ASM, Verilog, JavaScript, HTML/CSS
Technical Skills: Algorithms, OOP, Data Structures, Socket Programming, Multithreading, Databases, Matlab
Tools/Environments: Agile, Git, Linux
AI Self-Study: Used LLMs and PandasAI to generate Python code for data science models and analysis
Certifications: Google Associate Cloud Engineer (Jan 2025)

Academic Projects

Software Design II Codenames + Multithreading: Developed a server-based, multiplayer Codenames game in Java, enabling multiple clients to connect and play. It concludes with a win notification sent to all clients.

Software Design II Android App: Developed an Android weather app using Android Studio, integrating a weather forecast API and a JSON parser to retrieve and display weekly forecasts, including average temperatures, precipitation, and wind data

Embedded Systems Design Lab RC Car: Collaboratively designed a battery-powered RC car in C using the TM4C123 microcontroller, with a custom circuit board, motors, servos, and 3D-printed parts. Integrated WiFi control through the Blynk app, with features including turn signals, horn, and forward/reverse capabilities

SW Lab Full Stack Inventory App: Developed front/backend hardware inventory system in Python JavaScript

Work Experience

Software Engineer at Outlier AI (Contract) (May 2024 - Present):
Trained and evaluated AI models to improve coding capabilities in Python and JavaScript

Indoor Ranging Navigation Capstone (John Deere) (Aug 2023 - May 2024): Determined efficient indoor range finding methods or where GPS is unable, such as Bluetooth, RFID, RF, UWB, and vision

Savers Thrift Store (May 2019 - March 2020): Inventory stocker & customer service

Self-Employed (2018 - Present): Built, repaired, tested and sold computers to clients

Awards & Interests

Qualcomm Incorporated Scholarship Endowment x3- Freshman, Sophomore and Senior Years
Texas Instruments Scholarship - Junior Year
Soccer, photography, and automotive engineering and customization