Ian Wood

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Education

Georgia Institute of Technology | Atlanta, GA   *August 2021 – Dec 2024*
Bachelor of Science in Computer Science (Info Internetworks/Intelligence), **GPA: 4.00**
Relevant Coursework: Linear Algebra, Object Oriented Programming, Algorithms and Data Structures, Database Design, Design & Analysis of Algorithms, Computer Networking, Computer Vision.

Universitat Politècnica de Catalunya | Barcelona, Spain   *May 2023 – August 2023*
Georgia Tech Barcelona Summer Program, **GPA: 4.00**
Relevant Coursework: User Interface Design, Technology and Sustainable Community Development.

Experience

Tesla   *May 2024 – Present*
Software Engineer Intern   Fremont, CA
- Developing in-house factory maintenance software for Tesla's Fremont Factory as a part of their Flux team.
- Responsible for leveraging technologies such as **Golang** to increase efficiency in manufacturing environment.

FlightBridge, LLC   *May – August 2022*
Software Engineer Intern   Atlanta, GA
- Continuously developed an online booking and management platform for the private aviation industry.
- Developed a tool using **C#** and the Google Maps API to visualize hotel data for over 1000 customers.
- Integrated **Vue.js** into an **ASP.NET** application to help build a custom scheduling tool used by 100+ pilots.
- Utilized **SQL** and **LINQ** in C# to build a hotel recommendation engine that increased hotel search efficiency.

Griffin Solutions Group   *May – August 2021*
Software Engineer Intern   Alpharetta, GA
- Researched **RPA** and automated web UI testing using **UiPath** and **Puppeteer** to increase productivity.
- Used **Figma** mockup to develop an online employee portal for a prominent security company in Arizona.
- Utilized **React** for front-end of websites developed, with **Node.js** and **PostgreSQL** handling the backend.
- Followed an **Agile** development methodology to coordinate with 40+ other coworkers across the company.

Projects

Magnidia | Next.js, TypeScript, Prisma, PostgreSQL   *January - May 2024*
www.magnidia.com
- Led a 6-person development team as a **project manager** to develop a web app for creating/sharing events.
- Built frontend using **TypeScript**, **Next.js** and **Tailwind** with authentication using **NextAuth** and **Google Cloud**.
- Used a serverless API built using Next.js app routing that stores data with **Prisma**, **PostgreSQL,** and **AWS**.

EssAI | React, Flask, SQL, GPT3   *January - April 2022*
www.ess-ai.com
- Leveraged AI models with **GPT-3** to create a website that hosted a multitude of tools used to improve essays.
- Utilized **Flask** to create robust API and middle-tier architecture that connected AI models to a **React** frontend.
- Continuously stored data in an **SQL** server to further train the AI models off data collected from user input.

Organizations

WebDev @ GT | Georgia Tech   *January 2022 – Present*
Project Manager
- Led & organized a team of 6 other students to complete a full-stack web application for multiples semesters.
- Followed **Agile** development methodology and used **Git** and **GitHub** to keep projects organized and on track.
- Utilized modern DevOps and deployment tools such as **Vercel**, **AWS**, and **GCP** to bring projects to production.

Skills

Languages: JavaScript, TypeScript, Java, Python, C#, Golang, HTML, CSS, SQL
Frameworks: Next.js, React, Node.js, ASP.net, Express, NextAuth, Flask, PostgreSQL, MongoDB, Tailwind
Software: Git, GitHub, Docker, Vercel, AWS, Google Cloud, Stripe, Figma, Jira, Visual Studio, UiPath