

# Ian Wood

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## Education

### Georgia Institute of Technology | Atlanta, GA

August 2021 – May 2025

Bachelor of Science in Computer Science (Info Internetworks/Intelligence), **GPA: 4.00**

Relevant Coursework: Linear Algebra, Object Oriented Programming, Algorithms and Data Structures, Computer Organization & Programming, Database Design, Design & Analysis of Algorithms.

### 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

### SellRaze

August 2023 – October 2023

Contract Software Engineer

Atlanta, GA

- Worked part-time as full-stack software engineer for startup that won the **2023 Georgia Tech Inventure Prize**.
- Used **Stripe** and **Google Cloud** to create a subscription payment system now generating **\$1000+ per month**.
- Leveraged **React** built with **TypeScript** & **Next.js** to create an onboarding tutorial for newly registered users.

### 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

### Social Cookbook | React, Express, Node.js, MongoDB

August - December 2023

Team Project

- Led a 6-person development team as **project manager** to develop a web app for creating and sharing recipes.
- Utilized modern UI built using **React**, **Next.js**, and **Tailwind** with login functionality using **JWT** token validation.
- Driven by an API built in **Node.js** using **Express** that stores data through **MongoDB** and **AWS S3** buckets.

### EssAI | React, Flask, SQL, GPT3

January - April 2022

Team Project

- 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 as a project manager.
- Followed **Agile** development methodology and used **Git** and **GitHub** to keep projects organized and on track.

## Skills

**Languages:** JavaScript, TypeScript, Java, Python, C#, Golang, HTML, CSS, SQL

**Frameworks:** React, Node.js, ASP.net, Express.js, Vue.js, Next.js, Flask, PostgreSQL, MongoDB, Tailwind

**Software:** Git, GitHub, Docker, AWS, Google Cloud, Stripe, Figma, Bitbucket, Jira, Visual Studio, UiPath