

# Jacob Wood

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## EDUCATION:

**Stevens Institute of Technology**, Hoboken, NJ

May 2023

Bachelor of Science in Computer Science

**GPA:** 3.90 **Awards:** Edwin A. Stevens Scholarship, Presidential Scholarship

**Relevant Coursework:** Web Programming, Data Structures, Discrete Structures, Algorithms, Automata and Computation, Intermediate Statistics, Systems Programming, Software Development Process, Operating Systems, Game Design

## SKILLS:

**Languages:** JavaScript, JSX, CSS, HTML, Python, Java, C#, C++, C, SQL

**Tools:** GitHub, Airtable, Visual Studio, Slack, MySQL, MongoDB, Node.js, Redis, Windows, Ubuntu, NGINX, Digital Ocean

**Frameworks:** Gatsby, React.js, Express.js, Django

## WORK EXPERIENCE:

**Clearbridge Investments**, New York, NY

June 2022 - August 2022

Technology Intern

- Developed an Outlook add-in to accelerate the creation and distribution of analyst research notes using **Node.js**, **Express.js**, **AJAX**, and **Microsoft SQL Server** to obtain stock information, store research and generate email content. This increased productivity by enabling analysts to write and send their notes in one application.
- Communicated with project leads about complex technical issues, business problems, and requirements before implementing innovative solutions.
- Led the tech stock analysis for the intern stock portfolio project and presented to senior investment team.
- Exercised **agile** workflow practices as part of a team of developers to ensure consistent communication.

**Citrin Cooperman**, New York, NY (Remote)

June 2021 - August 2021

IT Intern

- Constructed and maintained several programs for the business intelligence team leveraging **Django** and **SQL**.
- Built and analyzed an internal website to automate business intelligence functions utilizing **Django** views and **SQL** stored procedures. This enabled the team to offload repetitive tasks and focus on analytics and strategy.
- Coded an error checking system by querying and comparing numerical values using **Django** and **SQL** for Citrin Cooperman's internal tax filing website to solve misinputs and calculation errors. This prevented costly or time-consuming accounting errors and reduced the need to refile tax documents.

**Lubetzky Family Foundation (LFF)**, New York, NY (Remote)

June 2020 - December 2020

Software Engineer Intern

- Created new webpages for several of LFF's subsidiaries in **Expression Engine**, **React**, and **GatsbyJS**
- Revamped the Peaceworks Foundation website onto a **GatsbyJS** framework and connected it to LFF's API portal.
- Automated requester and donation matching by writing and maintaining an **Airtable** script in **JavaScript** for LFF's Frontline Impact Project. Connected 100+ companies with over 1000 frontline organizations to provide more than 15,000,000 products to frontline workers in need of food, PPE, and other resources.
- Debugged Empatico.org's frontend and implemented new content in collaboration with the product and engineering team over **Slack**, **Figma**, and **GitHub**.

## FREELANCE PROJECTS:

**Beauty Plus Network Website**

March 2024

- Rebuilt a WordPress website using **Gatsby TypeScript** and **React**, enabling a faster loading website.
- Hosted site on a **Digital Ocean Droplet** using **NGINX** and **Ubuntu**, reducing website operation cost by 85%.

## ACTIVITIES AND INTERESTS:

Stevens Game Design Club, Art Installations Club, Stevens Computer Science Club. Interests include visual art, game development, and cooking.