

# JASON CHEN

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## EDUCATION

### Georgia Institute of Technology, College of Computing

Bachelors of Science in Computer Science, GPA: 3.73/4.0

Atlanta, GA

May 2026

## EXPERIENCE

### Amazon

Software Development Internship

May 2025 – Ongoing

Boston, MA

### Otek Energy

Software Development Engineer Intern

June 2024 – August 2024

Houston, TX

- Spearheaded a reporting system to format and organize information for projects utilizing **React**, **Node.js**, and an **AWS server**
- Implemented a mobile app using **React Native** used by 40 employees to supplement the reporting system via submitting expenses.
- Wrote scripts on the AWS server to automatically backup the database to an **S3 bucket**.
- Reduced time to audit expenses, daily logs, and project information by **50%** with automated notification system.

## PROJECTS

### CreekOCW

August 2022 - Present

- Cofounded school notes website used by over **2000** students.
- Sourced thousands of pages of notes and online flashcards and hosted on Wordpress for first Minimum Viable Product
- Developed a web app that enhanced UI and allows for content search using **Next.js**, **Drizzle ORM**, and **Tailwind** hosted on **Vercel**

### Lunchbox

February 2025 - May 2025

- Built a web application that allows for online orders for a sandwich shop named Lunchbox in France using **React**, **Node.js**, & **AWS**
- Configured **Stripe** webhooks and **Nodemailer** to allow for orders, verification email, admin dashboard, and menu updates.
- Increased sales by **15%** with the online ordering feature

### Political Bias Detector

Nov 2021 – Feb 2022

- Created a chrome extension to classify whether a given article leans conservative or liberal utilizing **Node.js** and **Python Flask**.
- Developed and trained a bidirectional recursive neural network as part of a **deep learning** model using a labeled Reddit headline dataset with **TensorFlow in Python**, and implemented **LIME**, **attention mechanisms**, and **latent-space visualizations** to analyze and interpret the results.
- Achieved a **80% cross validation accuracy** and **0.80 F1 score** on classifying whether a given headline was liberal or conservative. Utilized the MBIC dataset for testing and achieved a 70% accuracy on end-to-end tests on full articles.

## INVOLVEMENT AND LEADERSHIP

### Curious Cardinals

May 2025 – Present

Mentor

Remote

- Part-time mentor for students doing personal projects related in the CS field.

### GT Web Development

Aug 2023 – May 2024

Full-stack developer

Atlanta, GA

- Collaborated on the end-to-end development of a automated budgeting app, leading a team through 5 **sprint plannings**
- Utilized Plaid API alongside **React**, **Node.js**, and **MongoDB** in the process.

### Computer Science Academy

June 2022 – August 2023

Founder

Denver, CO

- Founded and organized a competitive programming class/tutoring service with over twenty clients in the Denver Metro Area.
- Raised the contributed to the collection of over \$5000 for charity teaching **Java**, **Python**, and **C**.

## ACADEMIC AWARDS & HONORS

### National Merit Finalist

2023

### 2x National Speech and Debate Association (NSDA) National Debate Tournament Qualifier

2023

### Rensselaer Medal Award

2022

### Colorado Wyoming Junior Academy of Science 65th Annual Symposium Top 3

2022

### President's Volunteer Service Award

2022

### Gold Division Recognition in the USA Computing Olympiad (USACO)

2020

## TECHNICAL SKILLS

**Languages:** Java, Python, HTML / CSS, SQL, C, Javascript, Typescript, EJS

**Frameworks & Services:** React, React Native, Node.js, Express, Flask, AWS, PostgreSQL, Django, Next.js, Prisma, Firebase

**Developer Tools:** Git, Figma, Docker, Vim, Vite, Spring Boot, Expo, Bootstrap, Jira, Trello

**Fundamentals:** Algorithms/Data Structures, Machine Learning, OOP, Systems and Networks, Agile Methodology