Jason Chen

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Education

Georgia Institute of Technology, College of Computing — Atlanta, GA
Bachelors of Science in Computer Science, GPA: 3.8/4.0 — *May 2026*

Relevant Coursework

- Data Structures and Algorithms
- Computer Organization & Programming
- Discrete Math
- Object Orientated Programming

Experience

Computer Science Academy — June 2022 – August 2023
Founder — *Denver, CO*
- Founded a competitive programming class/tutoring service with over twenty clients.
- Taught concepts such as brute-force, recursion, simulation, Dijkstra's algorithm, floodfill, BFS, DFS, knapsack, and dynamic programming problems in Java.
- Instructed within the Denver Metro Area, contributing to the collection of over $5000 for charity.

Projects

Stockbot | *Javascript, Spring boot, RESTful API, HTML, CSS* — January 2023 – May 2023
- Co-developed a stock management app that takes data from a company and runs a fundamental analysis program to score the viability of investing in the company.
- Configured REST APIs to enable information to be obtained and exchanged via entering the stock's ticker.
- Streamlined interactions with the Financial Modeling Prep API in order to scrape all our real-time data for the user inputs.

Political Bias Detector | *Python, Javascript, HTML/CSS, Node.js, HTML, CSS* — Nov 2021 – Feb 2022
- Built a chrome extension to classify whether a given article leans conservative or liberal utilizing Node.js, JavaScript, and HTML/CSS.
- Trained a bidirectional RNN using a labeled Reddit headline dataset on Tensorflow library via Python, and implemented LIME, attention, and latent-space graphs to analyze results.
- Achieved a 80% cross validation accuracy on classifying whether a given headline was liberal or conservative. Utilized the MBIC dataset for testing and achieved a 70% accuracy on full articles.

Involvement and Leadership

GT Web Development — Aug 2023 – Present
Full-stack developer — *Atlanta, GA*
- Engaged in building a web app that takes data from the bank using Plaid API and automatically creates budgets, utilizing React, Node.js, and MongoDB in the process.
- Sharpening skills in end-to-end programming via additional GT WebDev bootcamp sessions.

Kappa Sigma Fraternity — April 2024 – Present
Member — *Atlanta, GA*
- Volunteered with the Campus Kitchens Project, assisting in packing food that was going to waste.
- Raised hundreds of dollars Kappa Sigma Military Heroes Campaign by selling hot chocolate.

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
Gold Division Recognition in the USA Computing Olympiad (USACO)	2020

Technical Skills

Languages: Java, Python, HTML / CSS, SQL, Javascript
Frameworks: React, Node.js, Express, Flask, Vue
Developer Tools: Git, Figma, Docker