Brandon Chung

Atlanta, GA | (678)488-6447 | brandontochung@gmail.com | Portfolio: brandxnchung.netlify.app

EDUCATION

Georgia State University — Atlanta, GA
Master of Science in Computer Science — Fall 2025 – Spring 2027

Georgia State University — Atlanta, GA
Bachelor of Science in Computer Science — Graduated Dec 2024
- President's List 2022, 2023 (4.00+ GPA), Dean's List 2024 (3.50+ GPA)
- Cumulative GPA: 3.80/4.00
- Programming Club Member, Asian American Student Organization (AASO) Member, Valorant eSports Student Club Co-Founder

Relevant Coursework: Data Structures, System-Level Programming, Computer Org & Programming, Probability & Stats, Mobile App Development, Web Programming, Design & Analysis: Algorithms, Software Engineering, Operating Systems, Mobile Comp & Wireless Net, and Machine Learning

WORK EXPERIENCE

Shopify Web Developer — Remote
Freelance — Sep 2024 – Dec 2024
- Developed custom storefront features using Liquid, HTML, and CSS.
- Built and maintained a small clientele by delivering feature enhancements based on individual client requests.
- Self-taught the Shopify platform and interface in one month to begin delivering production-ready solutions.

PROJECT EXPERIENCE

Desktop Website Portfolio — Atlanta, GA
Frontend Developer — Jun 2025 – Aug 2025
- Engineered an interactive desktop-style portfolio website using JavaScript, HTML, and CSS.
- Implemented modular JavaScript architecture to handle window management.
- Added audio feedback effects to enhance user interaction.

PDF Q&A App — Atlanta, GA
Full Stack Developer — Jun 2025 – Aug 2025
- Built a desktop app to query PDFs using Python and local LLMs via LangChain.
- Parsed PDFs and embedded content using FAISS and Ollama embeddings for semantic search.
- Created a custom GUI using customtkinter, supporting chat history, pdf file uploads, and multithreaded querying.

Web Crawler & Graph Analysis — Atlanta, GA
Backend Developer — Aug 2025 – Sep 2025
- Developed a Python-based web crawler to automatically extract and map internal links from websites.
- Built an adjacency matrix representation of site structure to analyze page connectivity.
- Implemented an edge list and GraphML export for use in visualization tools such as Gephi.
- Automated data collection and transformation workflows, improving efficiency for SEO analysis, research, and web structure visualization.

Food Delivery Mobile App — Atlanta, GA
Mobile App Developer — Jun 2024 – Jul 2024
- Led a team of 3 in the development of a cross-platform food delivery app using Flutter.
- Designed the application wireframes and UI flow using Figma.
- Managed version control and collaboration using GitHub.

Machine Learning Classification & Estimation Atlanta, GA
ML/AI Research Sep 2024 – Dec 2024
- Developed a Python script to classify test data using labeled training datasets.
- Applied classification algorithms and implemented imputation strategies to handle missing data.
- Achieved a 30% increase in accuracy through algorithm optimization and performance testing.
- Utilized libraries including pandas, numpy, and scikit-learn for data handling and modeling.

ADDITIONAL

Technical Skills: Advanced in Python, JavaScript, HTML/CSS, PHP, TypeScript, Git, MySQL, SQL, Data Structures; Proficient in C/C++, Liquid, Dart, C#.