Brandon Chung

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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.
- Developed an embedded Dino Game clone with collision detection, scoring, and cross-platform input.
- 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#.