

Brandon Chung

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EDUCATION

Georgia State University - <i>B.S. Computer Science</i>	Jan 2022 - Dec 2024
Honors: President's List 2022, 2023 (4.00+ GPA), Dean's List 2024 (3.50+ GPA)	GPA: 3.80/4.00
Relevant Coursework: Data Structures, System-Level Programming, Mobile App Development, Web Programming, Software Engineering, Operating Systems, Machine Learning, Design & Analysis: Algorithms, Discrete Math, Linear Algebra II	
Georgia State University - <i>M.S. Computer Science</i>	Aug 2025 - Dec 2027
Relevant Coursework: Automata, Interactive Computer Graphics, Ethics for Data Science	

TECHNICAL SKILLS

Languages: Python, HTML, CSS, JavaScript, PHP, TypeScript, C, C#, Liquid, Dart, SQL
Tools/Databases: MySQL, Firebase, Git, GitHub, VS Code, Unix, Vim
Libraries/Frameworks: React, Node.js, Django

WORK EXPERIENCE

Shopify Web Developer Freelance	Sep 2024 - Dec 2024
<ul style="list-style-type: none">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 HTML, CSS, JavaScript - brandxnchung.netlify.app - GitHub	August 2025
<ul style="list-style-type: none">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 Python, LangChain, Ollama - GitHub	July 2025
<ul style="list-style-type: none">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 Python, SQL, Gephi - GitHub	July 2025
<ul style="list-style-type: none">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 Flutter, Dart, Figma - GitHub	July 2024
<ul style="list-style-type: none">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 Python, Pytorch, Scikit - GitHub	May 2024
<ul style="list-style-type: none">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.	