

Muchen Zhang

(470)263-0131 | mzhang616@gatech.edu | www.linkedin.com/in/muchen-zhang | muchenzhang.github.io

EDUCATION

Georgia Institute of Technology, College of Computing

Atlanta, GA

BSCS, Computer Science: **GPA: 3.92**

June 2025

- Relevant Coursework: Intro to AI, Systems and Networks, Data Structures and Algorithms

PROFESSIONAL EXPERIENCE

Hylanc Science & Technology Co. Beijing, China

June 2023 – Present

Full Stack Developer Intern

Language: Java/Spring Boot, Vue.js

- Automated the approval process for new vendors and bank account change requests
- Established CRUD connections and implemented front end functionalities to display, edit, and delete forms
- Developed backend feature to export form entries to Excel
- Designed and implemented a workflow process for form submissions and enabled status tracking
- Refactored the budgeting system by integrating tree structures to enable filtering of budgets by different properties
- Incorporating workflow process to the budgeting system

NCR Corporation, Atlanta, GA

May 2022 – January 2023

Site Reliability Engineer Intern

Language: Python

- Collaborated on a REST API unifying the change management process across NCR
- Finalized the GitOps process using Google Cloud Functions and Pub/Sub queues to trigger the workflow
- Implemented Github Actions and Slack integration, notifying SRE developers of production repository changes
- Established behavior-driven development tests using behave
- Incorporated Agile framework in daily development
- Productionized the API for 2000+ developers at NCR to utilize on a daily basis

Archiviz GT, Atlanta, GA

November 2021 – August 2022

Backend Developer

Language: PHP, SQL, Python

- Wrote a script clearing unnecessary auto-generated tags applying it to a 50,000+ entry database
- Created a new instance of the project and produced a user guide to installing the project

VGDev GT, Atlanta, GA

September 2021 – December 2021

Club Member

Language: Java/OpenGL

- Contributed to a 3D game developed with Java and OpenGL 3+ with LWJGL
- Enriched the loading screen design and text models
- Designed inventories using Aseprite

PROJECTS

Broke Besties | Python, PHP, SQL, HTML/CSS

October 2021

- Constructed a finance-management web-app for college students during HACKGT 8 hackathon
- Built a database and established basic CRUD operations, designed a user login system with sessions
- Utilized the Microsoft Azure OCR API and built a connection between the program and the webcam such that the users can scan their receipts

Meeting Scheduler | PHP, SQL, HTML/CSS, JavaScript, Bootstrap

June 2020 – February 2021

- Individually developed a full-stack web application with PHP and SQL as backend and HTML/CSS, JavaScript as frontend
- Created a database to store users' meeting information inputs
- Implemented Bootstrap library to create interactive web page with collapsible tables
- Designed an algorithm to detect conflicting meetings in the database
- Utilized PHPMailer library to automatically send emails to users when conflicting meetings occur

TECHNICAL SKILLS

Languages and Frameworks: Java, Python, Spring Boot, Vue, C, PHP, SQL, React

Developer Tools: Docker, Cloud Functions, IntelliJ, Git, Chrome DevTools, Aseprite