Drew Hatcher

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Education

January 2021 - December 2021

Master of Science in Computer Science, *Georgia Institute of Technology*, Atlanta, GA
- GPA: 4.00 / 4.00, Specialization in Machine Learning

August 2017 - December 2020

Bachelor of Science in Computer Science, *Georgia Institute of Technology*, Atlanta, GA
- GPA: 3.96 / 4.00, Threads in Artificial Intelligence and Information Internetworks

Work & Experience

January 2022 - March 2023

Full Stack Software Engineer
Actively, New York, NY (Remote)
- Integral in planning, designing, and developing our core product from inception in a fast paced agile environment
- Utilized a React frontend, FastAPI server, Python backend, and GCP architecture (VMs, BigQuery, Cloud SQL)
- Spearheaded an effort for SOC 2 certification and delivered Type 1, increasing client acquisitions by 100%
- Led implementation of critical features including data ingest integrations, drastically accelerating time to value
- Interfaced directly with clients via bimonthly feature demos or feedback sessions to guide our product roadmap
- Guided multiple interns by providing mentorship, direction for business critical projects, and code reviews

May 2021 - August 2021

Cybersecurity Analyst Intern
McKesson Corporation, Alpharetta, GA (Remote)
- Significantly sped up access reviews by automating the validation of user privilege data and its transfer into Azure
- Authored detailed internal job aids to document the new user access review process for meeting SOX compliance

January 2019 - December 2021

Teaching Assistant
College of Computing, Georgia Institute of Technology, Atlanta, GA
CS 4400 Intro to Database Systems, *Graduate Teaching Assistant,* (2020-2021)
- Contributed to the writing, testing, supporting, and grading of a semester long database design project
- Held biweekly office hours as well as answered 100+ discussion board questions per semester
CS 2050 Intro to Discrete Mathematics, *Undergraduate Teaching Assistant,* (2019-2020)
- Taught weekly recitations to 40+ students and occasionally filled in to give lectures in classes of 200+ students

June 2019 - August 2019

Software Engineering Intern
MemberClicks, Atlanta, GA
- Debugged, developed endpoints, and wrote scripts in the backend using Scala, Python, MongoDB
- Completed dozens of UI/UX tickets on the frontend using JavaScript, PHP, HTML5, Node.js, and Angular
- Participated in code reviews, meetings, and stand-up to facilitate communication in an agile development team

Projects

May 2020 - June 2020

You Choose, Muse
- Web app that crafts recommendation playlists for Spotify users and allows them to access their top tracks, artists, and recently played tracks. The app uses Spotify's web API, was built using React and Node.js, and is hosted on Heroku

July 2020 - August 2020

Personal Website
- Responsive website about me. Designed and built using React and Node.js, and hosted by Heroku

March 2021 - April 2021

Stadium IoPT Mobile App (Backend)
- Helped lead the design of a relational database and REST API for a mobile iOS fan engagement application
- Utilized WAMP stack to build and test critical endpoints to get trivia questions, store responses, and report analytics

December 2019 - April 2021

Various Data Science Projects
- Hate tweet classifier (LR, BERT), Genre classification of movies using posters (CNN), Artist similarity visualization

Skills

Languages

Python, JavaScript, SQL, Java, HTML, CSS

Software Tools

Git, GCP, AWS, MySQL, PostgreSQL, React, Postman, MongoDB

Concepts

Relational Databases, REST APIs, Web Development, Security and Compliance, Machine Learning, Object Oriented Programming, Algorithm Design, Data Structures, Data Visualization, Computer Vision, Networking

Design

UI/UX Design, Adobe Creative Suite, Figma, Web Design, Graphic Design, Photography