Matthew Hanson

matthew.hanson.tech@gmail.com | Boca Raton, FL
matthew-hanson.com | github.com/jordanhanson1 | linkedin.com/in/matthew-jordan-hanson-62b8171b6/
AWS Certified Solutions Architect Associate

SUMMARY

I am an aspiring Software Engineer with a passion for improving business processes using technology. I am a 4th-year Computer Science Major looking for Software Engineering Intern positions for Summer 2023 and Full-Time positions for December 2023. I am currently in the combined Bachelor and Master Computer Science Program at the University of Florida, planning to graduate with my Bachelor's degree in December 2022 and, depending on admission, my Master's degree in December 2023.

EDUCATION

Bachelors of Science in Computer Science   August 2018 — December 2022
The University of Florida**,** Herbert Wertheim College of Engineering**,** Gainesville FL
- GPA: **3.86/4.0**
- Relevant Coursework: Operating Systems, Data Structures and Algorithms, Masters Computer Networks, Information and Database systems 1 and 2, Programming Language Concepts, Computer Architecture, and Professional Communication for Engineers, Senior Project

WORK EXPERIENCE

Incoming Software Engineering Intern American Express, Phoenix AZ   Summer 2022

Software Engineering Intern (Full Stack Web Development, Ruby on Rails, MySQL Databases, and Linux OS)
Giganetworks, Miami FL   Summer 2021
- Lead developer of a team of 3 other Interns to develop a full-stack CRM web application which improved the organization of projects, clients, sales, events, and renewals
- Directed weekly meetings to ascertain the team's design needs and functionality requirements, which guided the development of the application
- Implemented features such as soft deletes, email remainders, user authentication, and database backups

VOLUNTEERING AND LEADERSHIP EXPERIENCE

Marketing Lead, UF Association for Computer Machinery (ACM) Gainesville, FL   Summer 2021 — Present
- Increased ACM virtual membership by over 400 members by making announcements in classes with CS students and reaching out to potential members on social media
- Hosted professional and social events for a club with 950+ members

Dance Marathon Captain and Software Developer, UF Dance Marathon Team Gainesville, FL   Fall 2020 — Present
- Raised **$3,000+** for Shands Children's Hospital by reaching out to connections using social media and email
- Collaborated with a team to implement maintenance and content management for the Dance Marathon Website and iOS app using JavaScript, Swift, and PHP

PROJECTS *(Other projects listed on Github)*

Hatch — (React, Firebase, Full Stack Web Development) hatchmatch.app   Summer 2021—Present
- Developed a platform to give college entrepreneurs the tools to connect and grow an idea
- Currently in MVP phase with over 40 users testing and giving feedback on the product
- Created a real-time chat by using a Firebase Function that listens for changes in the database
- Designed a filtering feature that filters users by passions, skills, or city using a Firestore database document that stores user IDs for each topic

resQ (SwampHacks) — (React Native, Firebase, Javascript) devpost.com/software/resq-3tng2a   Spring 2022
- Developed a full stack mobile application with three other students in 36 hours, resulting in **1st Overall**
- ResQ lists local safety features around UF's campus for a quick reference, and allows for alerting of authorities and emergency contacts if the user does not respond in their walk alone
- Created Google Cloud functions to send text messages to contacts specified by the user using Twilio API

Nutshell — (C, Lex, Yacc, Linux Commands)   Spring 2021
- Architected a Unix shell using Lex and Yacc in C with one partner
- Implemented pipes, IO, built-in and non-built-in commands by using a command table and Linux system calls

SKILLS

Languages: Javascript, C++, Java, SQL, Python, Matlab, HTML, CSS; **Frameworks:** React, React Native, Node, Express;
Databases: MySQL, Firebase Firestore (NoSQL); **Operating Systems**: Linux (Ubuntu), Linux (Debian)