Jordan Matthew Hanson

matthew.hanson.tech@gmail.com | matthew-hanson.com | linkedin:jordanhanson2 | github:jordanhanson1 | 305-741-8067

EDUCATION

University of Florida — Gainesville, FL
Masters and Bachelors of Science in Computer Science , **GPA: 3.85** — December 2023

Relevant Courses: Math for Intelligent Systems, Advanced Data Structures, Analysis of Algorithms, Computer Networks, Operating Systems, Software Engineering, CodePath Adv. Software Engineering

SKILLS

Languages: Java, Python, C/C++, SQL (MySQL), JavaScript, Ruby, HTML/CSS, Matlab
Frameworks: Node.js, Spring Boot, React, Junit, Ruby On Rails, React Native, Express, Material-UI, OpenAPI
Developer Tools: Git, Jenkins, Google Cloud Platform, Firebase, AWS, Postman, SonarQube, JaCoCo

EXPERIENCE

American Express — June 2022 — August 2022
Software Engineering Intern — *Phoenix, AZ*
- Designed and developed a RESTful micro-service with Spring Boot (Java) for a new travel feature
- Created a Jenkins CI/CD pipeline to automate building, testing, scanning, and deploying the application
- Implemented Unit and Integration tests with JUnit5 and Mockito to achieve **95% test coverage**
- Achieved A rating for all categories in SonarQube code quality report

Giganetworks — May 2021 — August 2021
Software Engineering Intern — *Miami, FL*
- Led development of a Ruby on Rails CRM web application which improved the organization of sales
- Implemented features such as soft deletes, email remainders, user authentication, and database backups to allow users to easily manage sales and clients
- Deployed the application on a Debian Linux VM with an Apache server for highly available usage within the company

UF Department of Computer and Information Science — August 2022 — December 2022
Teaching Assistant — *Gainesville, FL*
- Leading lab sections and office hours for Programming 1 in Python for **650+ students** to help students with course material, programming labs, and programming projects
- Translating computer science concepts into more digestible form by creating and explaining lecture PowerPoints to lab sections (20 students)

Machine Intelligence Lab — January 2022 — May 2022
Undergraduate Researcher — *Gainesville, FL*
- Collaborated on a team of 60+ students to develop software in Python to navigate multiple self-driving vehicles
- Migrated packages from Python 2 to Python 3 for self-driving aquatic robots to allow the use of ROS Noetic

PROJECTS

resQ | *React Native, Express, Node* (devpost.com/software/resq-3tng2a) — January 2022
- Achieved **Best Overall Project** for UF's hackathon for a full stack mobile app to protect students walking alone
- Created Google Cloud functions to send text messages and implemented user authentication using phone numbers

Mission DM | *Node.js, Express, Firebase, React, Javascript* — December 2021 – February 2022
- Created a secret agent style game with **100+ users** generating **$1000+** for Shands Children Hospital
- Architected a Node.js backend that assigned and sent out emails with targets for each player every three days

Hatch | *Javascript, Firebase, React* (hatchmatch.app) — June 2021 – September 2021
- Developed a platform to give college entrepreneurs the tools to connect and grow an idea with 40+ users
- Implemented Google Authentication, real time chat, user search, and friend request/accept

LEADERSHIP

Vice President | *UF Association for Computing Machinery* — June 2022 – Present
- Organizing and leading professional, social, and technical events for a club with **1400+ members**

Marketing Lead | *UF Association for Computing Machinery* — June 2021 – June 2022
- Increased membership by 500+ by advertising on social media and in large CS classes
- Mentored younger CS students with their internship search, class schedules, and CS interests

Technology Captain | *UF Dance Marathon* — August 2020 – May 2022
- Raised **$3,000+** for Shand's Children's Hospital by reaching out to connections over Social Media
- Led a team to develop a full stack web app in React and Node that raised **$1000+** for Shand's Children Hospital