

Jordan Matthew Hanson

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EDUCATION

University of Florida, College of Engineering Gainesville, FL
Masters of Science in Computer Science January 2023 — December 2023
Bachelors of Science in Computer Science, **GPA: 3.85** August 2018 — December 2022
Relevant Courses: Computer Networks, Data Structures and Algorithms, Operating Systems, Software Engineering, Databases 1 and 2, Linear Algebra, Computer Organization, Programming Language Concepts, Discrete Structures

TECHNICAL 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

Software Engineering Intern June 2022 — August 2022
American Express, Travel and Leisure Services team 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% automated test coverage
- Achieved A rating for all categories in SonarQube code quality report

Software Engineering Intern May 2021 — August 2021
Giganetworks 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 reminders, user authentication, and database backups
- Deployed the application on a Debian Linux VM with an Apache server

Teaching Assistant August 2022 — December 2022
Department of Computer and Information Science and Engineering Gainesville, FL

- Leading lab sections and office hours for Programming 1 in Python

Undergraduate Researcher January 2022 — May 2022
Machine Intelligence Lab Gainesville, FL

- Worked on a team of 60+ other students to develop software 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 and former Marketing Lead, UF Association of Computer Machinery — Organized and led professional and social events for a club with **1000+ members**.

Technology Captain, Dance Marathon — Raised **\$3,000+** for Shand's Children's Hospital.