

Jordan Matthew Hanson

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EDUCATION

University of Florida, College of Engineering

Gainesville, FL

Bachelor of Science in Computer Science, GPA: 3.85

Aug. 2018 – December 2022

Relevant Courses: Data Structures and Algorithms, Operating Systems, Software Engineering, Databases 1, Databases 2, Linear Algebra, Computer Organization, Programming Language Concepts, Computer Networks, Probability, Discrete Structures, Numerical Analysis

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

Developer Tools: Git, Jenkins, Google Cloud Platform, Firebase, AWS, Postman

EXPERIENCE

Software Engineering Intern

June 2022 — August 2022

American Express, Travel and Lifestyle Services team

Phoenix, AZ

- As a member of a Agile scrum team, designed and developed a RESTful Micro-service with Spring MVC (Java) to calculate carbon offset for a trip
- Created a Jenkins CI/CD pipeline to automate Maven build and deploy to Amex cloud
- Implemented Unit and Integration tests with JUnit5 and Mockito to achieve over 80% automated test coverage

Undergraduate Researcher

January 2022 — May 2022

Machine Intelligence Lab

Gainesville, FL

- Worked on a team of over 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 use of ROS noetic

Software Engineering Intern

May 2021 — August 2021

Giganetworks

Miami, FL

- Lead developer of a team of 3 other Interns to develop a Ruby on Rails CRM web application which improved the organization of projects, clients, sales, events, and renewals
- 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

SELECTED PROJECTS (OTHERS: MATTHEW-HANSON.COM/PROJECTS)

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
- Created a real-time chat by using a Firebase Function that listens for changes in the database
- Implemented Google Authentication, user search, and friend request/accept

Mission DM | Node.js, Express, Firebase, React, Javascript

June 2021 – September 2021

- Created a secret agent style game with **100+ users** generating **\$1000+** for Shands Children Hospital
- Architected a Node.js back-end that assigned and sent out emails with targets for each player every three days
- Developed a front end with React.js that interacts with the back-end to display targets and eliminate them.

resQ | React Native, Express, Node (devpost.com/software/resq-3tng2a)

January 2022

- Developed a full stack mobile app to protect students walking home at night
- Achieved **1st Overall** for UF's leading hackathon
- Created Google Cloud functions to send text messages and implemented user authentication using phone numbers

ON CAMPUS EXPERIENCE AND LEADERSHIP

Marketing Lead – Vice President

May 2021 – Present

UF Association of Computing Machinery (ACM)

Gainesville, FL

- Organized and led professional and social events for a club with over 1000 members
- Increased virtual membership by over 500 members

Technology Captain

August 2020 – May 2022

UF Dance Marathon

Gainesville, FL

- Raised **\$3,000+** for Shands Children's Hospital while working on a team to implement maintenance for the Dance Marathon Website and iOS app using JavaScript, Swift, and PHP