Randy Oram

randyoram@icloud.com | (352) 362-3350 | randyoram.com

Experience

July 2019 – Present   Houston, TX

Software Engineer

ExxonMobil: Well Construction & Operations

- Assisted in the porting of WellView 10 to the cloud by developing components of an Azure framework including application gateways, DNS zones, database APIs, and full-stack web applications.
- Pioneered various Agile enhancement projects, including improvements to the team's stand ups, program increment plannings, and technical demonstrations.
- Collaborated with an international team to provide global support for ExxonMobil's Wells database software, enabling rig supervisors to import and edit critical data on demand.

August 2018 – May 2019   Gainesville, FL

Teaching Assistant

UF Computer Science and Engineering

- Aided a professor in conducting the UF CSE Computer Organization / Architecture course by grading assignments, proctoring exams, and holding regular office hours for students.
- Taught a sub-section of 80 students weekly, curating and delivering lessons related to the material, administering quizzes, and answering questions.

May 2018 – August 2018   Houston, TX

Cloud Enablement Intern

ExxonMobil: Modern Platforms

- Developed an API which automated the retrieval of audit logs from the SAP Cloud platform.
- Produced a C# application to call this API in an automated and regular fashion.
- Utilized Splunk to provide automatic analysis of these logs.
- Reduced total process time from 3 weeks to 1 hour, freeing up team members to focus on other mission-critical tasks.

August 2017 – May 2018   Gainesville, FL

Technical Consultant

UF Computing Help Desk

- Assisted clients with connection issues, email software configuration, browser, and GatorLink authentication issues both in-person and through specialized software that permitted remote desktop control.
- Worked alongside UF IT Security to resolve network security issues such as account compromises, malware infections, and DMCA violations.

Projects

February 2019 – Present

spacetrace.app

- Developed a dynamic web application which tracks the location of the International Space Station and plots in on a map in real-time.
- Allowed users to create accounts and submit contact information to be notified when the ISS will be visible in their location.
- Utilized the MERN stack (MongoDB, Express, React.js, Node.js) to build the application alongside Firebase as a cloud host.

May 2018 – Present

randyoram.com

- Developed a static website using GitHub Pages and to act as a platform for personal marketing and to share personal programming projects.
- Completed several JavaScript animation projects, including tic-tac-toe with confetti, a new-years fireworks display, and a web-based remake of *Pong*.

October 2018

HackGT: Roots

- Roots is a sustainability related social media web application that enables users to see trees they have planted on a map, track statistics related to this endeavor, and compete with friends to reduce their carbon footprint.
- Led a team of four to create the web-application using the MERN (MongoDB, Express, ReactJS, and NodeJS) stack.
- Developed the front-end, modern authentication element, and the database API.

August 2018

ExxonMobil CodeJam

- Participated in a single day hack-a-thon with the goal of completing wish-list projects for teams within ExxonMobil IT.
- Created a web application that enables traders to quickly enter information into an SAP database. This program utilizes JavaScript to extract information from a form and feeds it to an API that interfaces with the SAP database.

Education

May 2019   Gainesville, FL

B.Sc. in Computer Science & Engineering

University of Florida

Overall GPA: 3.73