

## EMPLOYMENT

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**Test Engineer**                                      **Ramsey Solutions**                                      **Summer 2021 – Present Day**

- Test and QA features and web pages before they are deployed to the production environment
- Keep test plans up to date and keep test automations aligned with current production environment
- Work with developers to ensure unit and component tests are comprehensive and web pages are good quality and risk is minimized for changes becoming live.
- Attend all daily and weekly meetings to ensure good communication with squad and possibly find early defects in future features

**Software Engineer**                                      **Walker Information**                                      **Winter 2019 – Present Day**

- Working with a wide range of clients to successfully implement custom customer experience outreach solutions using the Qualtrics survey platform.
- Leveraging JavaScript, HTML and CSS to customize front-end user experience to fit client needs.
- Creating custom processes for migrating data from clients' systems into the Qualtrics platform.
- Working to migrate internal processes from Oracle and Java to Postgres, Node.js and React.js.
- Effective communication used to efficiently meet client needs and communicate with team members in an Agile-Scrum environment.

**Program Director**                                      **Florida Sea Base Boy Scouts of America**                                      **Spring 2019 – Fall 2019**

- Solving a wide range of technical and managerial problems for diverse groups of people including but not limited to medical emergencies, staff issues, staff scheduling, and general maintenance.
- Manage over sixty staff members to achieve multiple goals simultaneously.
- Conduct multiple meetings with staff daily.

## EDUCATION

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**Fayetteville, AR**                                      **University of Arkansas – Fulbright School of Science**                                      **Fall 2014 – Dec 2018**

- **Major:** General Biological Science, B.S. (in-major GPA: 3.4)
- **Minor:** Computer Science (In-major GPA: 3.5)

## SOFTWARE PROJECTS

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**Android Contact Saver Service**

- Designed a RESTful backend server that allows for persistent storage of contacts that can be accessed and synchronized when the user logs in.
- Utilized: Java, Maven, Spring Boot, Heroku, Persistent Data, Caching, PostgreSQL, JSON, Android Development

**Home Automation and Security: Raspberry Pi and Android System**

- It accepts information from Android devices throughout the home to send security information to the Raspberry Pi for local storage and viewing.
- Implements a database for persistent storage of data from both master and slave Android devices.
- A master Android device (the user) sends commands to the Raspberry Pi to view and control security devices.
- Utilized: Android, Java, Socket (TCP/IP) Programming, Raspberry Pi

**Balancing Act: Wearable Mechanical Arm that Balances Objects**

- This embedded system takes data from multiple gyroscopes and uses this to balance objects placed onto a platform connected to 6-axis mechanical arm.
- Utilized: C Programming, Arduino, Circuit Design, Motor Controller, Serial Data

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**Languages and Technologies**

- Java; Node.js; Python; PostgreSQL; JavaScript; HTML/CSS;
- Android Studio; Visual Studio; Eclipse; Kanban (Agile); Git; Linux; AWS; Serverless Framework;