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Indianapolis, Indiana 46237
https://github.com/jcconnol

JOHN C. CONNOLLY

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EMPLOYMENT

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 in AWS.
- Effective communication used to efficiently meet client needs and communicate with team members in an Agile-Scrum environment.
- Leveraged knowledge in Node.js, PostgreSQL, JavaScript, AWS and HTML/CSS

Freelance Developer   **Summer 2018 – Present**
- Working on projects for clients, including, but not limited to, WordPress theme and plugin optimization, Android development and debugging both front and back-end processes.
- Effective communication used to efficiently meet client's needs.
- Leveraged knowledge in WordPress, PHP, HTML/CSS and JavaScript.

Program Director   **Florida Sea Base Boy Scouts of America**   **Spring 2019 – Fall 2019**
- Solving a wide range of technical and managerial problems from diverse groups of people including but not limited to medical emergencies, staff issues, making the staff working schedule and general maintenance.
- Manage over sixty staff members to achieve multiple goals simultaneously.
- Conduct multiple meetings with staff daily.
- Leveraged knowledge of management skills, time management, communication, and multitasking.

EDUCATION

Fayetteville, AR   **University of Arkansas – Fulbright School of Science**   **Fall 2014 – Dec 2018**
- **Majors:** General Biological Science, B.S. (in-major GPA: 3.4)
- **Minor:** Computer Science (In-major GPA: 3.5)
- **Programming Coursework:** Cluster Computing with Linux; Programming Challenges and Algorithms; Programming Paradigms; Software Engineering; Calculus III.

SOFTWARE PROJECTS

GitHub Profile: https://github.com/jcconnol (for additional information and projects)

Android Contact Saver Service
- Developed an Android application in Java that easily allows for login and contact storage.
- 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, 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 local 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

Languages and Technologies
- Java; Node.js; Python; PostgreSQL; JavaScript; HTML/CSS; RESTful services; API development;
- Android Studio; Agile (scrum); Git; Linux; AWS; Serverless Framework;