ADAM MORSE

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SUMMARY: Recent graduate looking to obtain a full-time software development position where I can build my skills and gain valuable experience. Strong analytical mindset and creative problem solver. Excellent work ethic in group or individual settings. Willing and eager to learn new technologies and be exposed to new challenges.

EDUCATION

Missouri State University, Springfield, MO | Aug. 2017 – Dec. 2019
Major: B.S in Computer Science (Major GPA: 3.1)
Minor: Cybersecurity (Minor GPA: 3.2)

NorthWest Arkansas Community College, Fayetteville, AR | Aug. 2016 – Dec. 2016

Ozarks Technical Community College, Springfield, MO | Aug. 2014 – May 2016
Associate in Business

TECHNICAL SKILLS

Languages
- (*proficient*): JavaScript, HTML5, ReactJS, CSS, Python
- (*familiar*): NodeJS, C/C++, Java

Software and Technologies
- **Development Tools**: GitHub, Microsoft Visual Studio 2017/2019, Visual Studio Code, CodeBlocks, JetBrains
- **Communication**: Slack, Trello, Discord
- **Database**: PostgreSQL
- **Platforms**: (*fluent*): Microsoft Windows, (*familiar*): Ubuntu
- **Software Development Cycle:** Agile Scrum

Relevant Courses: Internet Programming, Advanced Internet Programming, Software Engineering, Data Mining, Computer Speech and Images, Computer Graphics, Software Quality Assurance, Data Structures, Database System Concepts

Certificates
- Web Programming Undergraduate Certificate

EMPLOYMENT

Oreilly's Warehouse - *Outbound Handler*

Springfield, MO, Oct. 2015 – July 2016 | April 2018 – August 2018 (Summer Help)

Expectations/Tasks
- Sort and distribute parcels in warehouse to correct shipping location
- Learn team-based work roles and responsibilities

Accomplishments

- Worked with team of 3-5 to safely and successfully complete daily operations on schedule
- Assist in training for new employees

Jim's Razorback Pizza - *Delivery Driver*

Fayetteville, AR, Nov. 2016 – July 2017

Expectations/Tasks
- Assist in online, phone, or in store customer orders
- Work with team of 3-5 to complete daily operations

PROJECTS

Capstone Project – *Infrared Spectra Comparison Interface (ISCI)*
- Developed a React project that allows users to swiftly upload CSV files containing their Infrared Spectra data of chemical compounds
- A comparison algorithm compares an unknown sample against all other user's uploaded samples to help identify close matches between them
- Integrated React Plotly.js to allow users to visualize their data files
- Worked in a team of 6 using Agile Scrum methodology

Genetic Algorithm (GA)
- Developed a GA with Python to play a board game called *Jump It*
- Determined a viable fitness function to assist the algorithm in learning to be successful and proficient
- Implemented the Roulette Wheel concept for population selection

LEADERSHIPS & ORGANIZATIONS

Community Services
- Deliver home cooked meals and gifts to Hospice patients for Thanksgiving and Christmas

Sports

- Springfield Metro Baseball