

# Michael W Butler

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## Education

### **Bachelor of Science in Computer Science**

Boise State University (Boise, ID)

**May 2023**

### **Bachelor of General Studies in Sciences / Minor in Geology**

University of Idaho (Moscow, ID)

**May 2016**

## Technical Skills and Certificates

**Languages:** Java, C#, C, Python, JavaScript, HTML, CSS, SQL

**Tools:** Git, GitHub, VSCode, Eclipse, React, Gatsby, Cypress.js, Maven, MongoDB, MySQL, Docker

**Full Stack Web Development Certificate** - Coding Dojo Boise

**January 2020**

## Projects

**PivotPro** – Python, Django, JavaScript, MaterializeCSS, Docker, Git, VSCode

A web application to monitor and manage water usage by collecting telemetry data from various sources, automating data collection through an API, and generating graphs, reports, and visualizations for efficient use of water resources for farms in eastern Idaho

**Interpreter Project** – Python, Git Bash, VSCode

Executes source code by translating it into machine-readable instructions and directly executing them, using scanner and recursive parser that builds a Context Free Grammar parse tree

**Cards Against MadLibs** – C#, JavaScript, CSS, HTML, SignalR, GitHub, Git Bash, VSCode

A combination of two popular games in which multiple clients are connected to one server through web sockets to play a timed round consisting of a voting feature and the number of wins for each player

## Work Experience

### **American Credit Acceptance (Boise, ID)**

**September 2023 - Present**

*Digital Product Analyst*

- Collaborating within agile Product Teams for rapid software development and delivery
- Proficient in technologies such as .Net Framework, C#, JavaScript, AWS, SQL Server, DataGrip, Excel
- Demonstrating strong problem-solving skills and a proactive approach to learning new technologies

### **HP Inc. (Boise, ID)**

**May 2022 - May 2023**

*Cyber Security Intern*

- Participated in security analysis across verticals and support regulatory and industry security inquiry responses and other commercial deliverables as needed experience in Monday.com, Excel, VBA, Python, Microsoft Azure

### **OpSec Security (Meridian, ID)**

**February 2021 - August 2021**

*Anti-Piracy Analyst (Contract)*

- Provided anti-piracy support by monitoring and enforcing live events on multiple social media platforms such as Facebook, Youtube, Twitter, Periscope, and VK, while documenting with in-house software tools

### **Perspecta (Meridian, ID)**

**October 2020 - January 2021**

*Enterprise Service Desk Specialist (Contracted through Disys)*

- Provided IT support through phone and online channels using tools such as Keyfer, ServiceNow, and OneNote
- Obtained and maintained an interim secret clearance

### **Foundry Interactive (Seattle, WA)**

**June 2020 - October 2020**

*Software Engineer (Remote, Contract)*

- Developed front-end user experience (UX), and usability (UI) for various web projects in JavaScript (Gatsby-Contentful-Netlify), Testing with Cypress.js and Lighthouse

### **The Land Group Inc. (Eagle, ID)**

**January 2017 - October 2019**

*Land Surveyor*

- Determined and mapped property boundaries, locations, and features using specialized tools and software.