

Michaela Iris Ballard

Michaela.I.Ballard@gmail.com ❖ (720) 831-7963 ❖ Denver, CO

WORK EXPERIENCE

Amazon

Feb 2022 - Present

Software Development Engineer L4

Denver, CO

- Designed, migrated, and executed **15 critical services** into **Native AWS**, used world-wide
- Designed and implemented **JavaScript React** framework components in addition to standard **HTML** and **CSS** to provision access to EU and FE stakeholders.
- Maintained **Microservices** in **Java** and **React**, **HTML**, and **CSS**

Eli Lilly

May 2020 – August 2020

IDE Intern

Indianapolis, IN

- Developed a **Cloud** application to provide quick **searching** and **caching** for bioengineering researchers
- Microservice application scaled with **Amazon Comprehend** (**Natural Language Processing** tool)
- Backend framework built out in **Java**, used company-wide

Gaslight

May 2018 - August 2018

Software Developer Intern

Cincinnati, OH

- Developed a timesheet application written in **Ruby** and **ReactJS** used by **30 employees**
- Increased **MySQL** query efficiency by **200%**
- Fleshed out back-end to integrate calls with **BambooHR** to automate HR tasking

Miami University

February 2018 – May 2021

IT Analyst

Oxford, OH

- Wrote IT Datacenter automation tools in **Python** and **Bash** in order to analyze datacenter performance with an **Elasticsearch** cluster
- Collaborated with several stakeholders including **Staff, IT, and Professors**
- Developed tooling for professors to make course scheduling easier in **React, HTML, and CSS**
- Wrote an integrated **Slack bot** to query data efficiently

EDUCATION

Miami University

December, 2021

B.S. in Computer Science

Oxford, OH

- **Relevant Coursework:** Databases, Data Structures, Algorithms, Malicious Code Analysis, Statistical Modeling, Systems, Web Application, High Performance Computing, Web Services, UI/UX, Applied Cryptography
- **Entrepreneurship:**
 - Co-founded a smoothie company (Wake & Shake) - Developed a website which allowed customers to build their own smoothies and set up time for pick-up.
 - Developed a children's educational toy (Bimby) - Interactive toy with voice recognition that encourages children with speech impediments to speak.

SKILLS & INTERESTS

- **Skills:** Python, JavaScript (Node and React), Typescript, HTML, CSS, PHP, C++, Java, SQL, AWS, Bash, Ruby, GitHub, GitLab, Docker, Kubernetes, Elasticsearch, Slack
- **Interests:** Reading (Favorite Author: Stephen King), Gaming, Crochet, Needle-Felting, 3D Sculpting, Reddit, YouTube