Bray Polkinghorne

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Key Skills

- Attributes: Trustworthy, reliable, flexible, motivated
- Priorities: Teamwork, execution, customer experience
- Experience with Agile/Scrum Workflow
- Object-Oriented Programming: Java, Python, Go
- Formatting Structures: JSON, XML
- Cloud: GCP, Terraform, Kubernetes
- Databases: SQLite, MongoDB
- WebDev: HTML, CSS, JavaScript, React, Node, Express
- Adobe: Photoshop, Illustrator, Lightroom
- Microsoft: Office, GitHub
- Classwork: Linux, machine learning, microcontroller

Professional Experience

Maven Wave, an Atos Company, Chicago, IL | June 2021 - present
DevOps Analyst, Infrastructure Team

- MAYO CLINIC: Improved and deployed multi-tenant, HITRUST environments. Executed large-scale terraform deployment, organizational policies, and quickly pivoted based on customer needs.
- CAPITAL ONE: Re-platformed infrastructure of acquired company while ensuring security, stability, minimal downtime, and compliance.
- IGNITE: Created end-to-end solution and presented to stakeholders. Gathered/cleaned data; developed cloud infrastructure, database structure and flow, front end, and communication with database and backend.

Yellowstone Ecological Research Center (YERC), Bozeman, MT | September 2020 – April 2021
Computer Science Intern, Senior Capstone Team

- Developed machine learning model based on statistical analysis to forecast watershed information through sensors and geographic information systems (GIS).
- Created structured database storing rationalized data to easily display analysis for interactive webservice.

Zoot Enterprises, Bozeman, MT | June - August 2020
Computer Science Intern, Microservices Team

- Collaborated with technical leads, technical writers, and other developers to create attributes based on specifications created by software architects.
- Audited attributes other developers created to ensure complete compatibility with the entire system.
- Configured connections to data providers through company software.

Nextworld, Denver, CO | May - July 2019
Computer Science Intern, Integration & Implementation Team

- Developed the full-stack of a website to train customers on various functionality of Nextworld's enterprise platform; presented to company executives, including the CEO, using PowerPoint and a live demonstration.
- Built strong relationships with other teams and departments, which was critical to implementing projects on time.
- Integrated cross-reference functionality for general ledger accounts in partnership with Finance.

Education

Montana State University, Bozeman, MT | May 2021

- B.S. in **Computer Science**, College of Engineering; Minor in Photography | GPA: 3.6

Leadership & Activities

- Montana State University**,** *Teacher's Assistant* | Digital Editing & Output, Computer Science | 2020 - 2021
- Chi Alpha (XA), Campus Ministry, Bozeman, MT | 2017 - 2021
- Valor Christian High School, Highlands Ranch, CO | *Captain, Tennis Team* | 4 Varsity Letters | 2013 - 2016
- Boy Scouts of America, Sedalia, CO | *Eagle Scout* | 500 hours of community service | 2005 - 2016
- Recreational: *Climbing & Bouldering*, 5.12 & V7; *Skiing*, Class III, alpine and backcountry