Ryley Benavides

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Career Objective

I am a newly graduated software engineer with strong problem-solving skills, logical solutions, and tenacious energy seeking a software engineering role for my career. I am excited to provide my computer science knowledge and programming skills to the industry.

Education

California State University - Long Beach, CA   **Date Graduated: December 2023**
Bachelor of Science in Computer Science   **GPA: 3.225**

Experience

Software Engineer Intern: DevOps and Cloud Engineering
Altimetrik   **Detroit, MI**
May 2023 - August 2023
- Developed a POC for automating infrastructure creation, compliance tests on the infrastructure, and generating a PDF report from the tests
  - Utilized the stack: Terraform, Chef InSpec, Python, Docker, Jenkins, BitBucket, AWS Cloud Infrastructure
  - Utilized the Agile methodology

Skills

- Python, Java, C, C++, Dart
- HTML, CSS, JavaScript
- Server/Client code, APIs, RESTful services
- Security, Linux, VirtualBox, Networking, Docker
- AWS, Google Cloud, Terraform
- GitHub, Jenkins, BitBucket, Jira
- Firebase, MongoDB, SQL
- Chef InSpec
- Machine Learning, Artificial Intelligence

Projects

- **Gym Rat**
  - Android and IOS mobile application for tracking, monitoring, and scheduling workouts and meals
  - Utilized the stack: Flutter, FlutterFlow, Dart, Firebase, GitHub
  - Utilized the Agile methodology
- **Benzene Concentration Prediction Model**
  - Data used for training: Air quality measurements from an unnamed Italian city found in the UCI Machine Learning Repository's Air Quality dataset
  - Utilized PCA for data analysis, tested five regression models, and used hyperparameter tuning
- **MITM DNS Spoof POC**
  - Used arp cache spoof, a server, and a DNS spoof to place the server in the middle of a connection to a specific DNS