

# Alexander Fielding

Software Architect with a focus on Multi Cloud and DevOps technology looking for new opportunities to widen my skill set.

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## Work Experience

### TransUnion

San Luis Obispo, CA - Software Architect - CI/CD Team

September 2019 - Current

- Designed epics and user stories
- Assisted in hiring by conducting technical interviews. Oversaw new developer onboarding.
- Optimized CI/CD pipelines and implemented feature requests such as establishing governance and feature flags around pipeline functionalities. Integrated scanning tools such as Sysdig/Sonarr/Checkmarx/Wiz.
- Managed Artifactory, set up RBAC, and configured federated repositories.
- Led the migration of 80+ applications from Docker EE to Kubernetes using Helm charts. Configured liveness probes to a custom python healthcheck library configured with Widfly API
- Improved patching processes for container OS, Java, etc., with custom Groovy scripts, ensuring releases every 90 days.
- Implemented Selenium-based front-end test suites in the CI/CD pipeline.
- Supported application releases, validations, and production issue resolutions.

### CSULB Institute Research and Assessment

Long Beach, CA — Oracle SQL Programmer

November 2018 - May 2019 (7 months)

Developed Python and NoSQL scripts to insert sensitive data into Oracle databases for the Bridging the Gap and Long Beach Promise projects, collaborating with Long Beach Unified School District, Long Beach Community College, and California State University Long Beach.

### City of LA Office of the CAO

Los Angeles, CA — Summer Intern: Database Design

May 2018 - November 2018 (5 months)

Responsible for the database design and implementation for monitoring information regarding funding received through Disaster Grants to assist the city after disaster events. Database written in Microsoft Access using VBA.

## Education

### CSU Long Beach — B.S. Computer Science

August 2017 - May 2019

### Cuesta College — A.S. Mathematics

August 2014 - May 2017

## Skills

AWS Certified Cloud Practitioner  
GCP  
Docker  
Maven  
Jenkins  
Kubernetes  
Helm  
Terraform  
Ansible  
Object-Oriented Programming  
Django Framework  
React Native  
Agile Development  
MERN  
.NET  
MVC  
Grafana  
Prometheus

## Github

<https://github.com/zance1054>

## LinkedIn

<https://www.linkedin.com/in/alexander-fielding-6ab223139/>

## Personal Website

<https://fielding.cloud>

## Languages

Python, Java, C++, C#, SQL, Visual Basic, Bash, CSS/HTML, Javascript, MIPS, Verilog

## Research

### Exploring the Binary Nature of STF 2128 Using Separation And Position Angle Measurements

Research project investigating star STF 2128. Responsible for the data analysis of provided measurements to aid in the determination of the stars classification as a binary star. Full paper available in The Journal of Double Star Observations Volume 14, Page 54