

San Francisco, CA 94103

SCOTT BRENNER

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EMPLOYMENT

DevOps Engineer **SAP Concur** **October 2018 - Present**

Hipmunk, infrastructure team

- Led project to unify build and test environments with Docker, enabling engineers to autonomously build and test code changes and reduce toil for teams
- Created PyPI repository on AWS Fargate with infrastructure-as-code configuration, utilizing LDAP authentication to allow engineers to autonomously update and test Python dependencies
- Participating in 24/7 oncall rotation for production services to help engineering teams onboard features to the platform, resolve infrastructure issues, and optimize components for better performance and throughput

Associate DevOps Engineer **SAP** **September 2017 - October 2018**

Member of Silicon Valley Next Talent program - a one year, full-time rotational program and career accelerator for recent graduates. Worked on three teams: Data Custodian, Big Data Services, and Hipmunk. Achievements include:

- Implemented monitoring and alerting stack with Grafana and Prometheus across Data Custodian team's Google Kubernetes Engine clusters using the Prometheus Operator
- Developed custom Dynatrace plugin to collect custom application metrics from Data Custodian team's customer deployments
- Enabled onboarding of Data Custodian team's pilot customer by developing a scalable ETL pipeline on Google Cloud Dataflow to ingest and anonymize their data
- Dockerized key component of Hipmunk's development workflow, streamlining installation steps and versions across development teams
- Reduced Hipmunk's deployment pipeline failures by implementing automatic setup of missing services

Technical Intern **productOps, Inc.** **January 2017 - July 2017**

- Increased visibility into performance of company's network by developing an automated tool to routinely run network speed tests and graph the results on a serverless website

EDUCATION

Santa Cruz, CA **University of California, Santa Cruz** **Fall 2013– Spring 2017**

- B.S. in Computer Science

PROJECTS

- **GitHub Actions** Developed GitHub Actions for linting Puppet manifests, validating CloudFormation templates, and interacting with the Amazon Web Services Cloud Development Kit. Published on GitHub Marketplace
- **reddelete** Serverless Framework function that periodically deletes a user's reddit comments below a defined score
- **/u/hqtrackbot** reddit bot that finds higher-quality YouTube uploads of submitted tracks. Serverlessly serving over 1,000 invocations per day with hosting on AWS Fargate. Created using the Python Reddit API Wrapper and YouTube Data API
- **WebScan Explorer** Created fully serverless architecture on Amazon Web Service using S3 and Lambda along with Jenkins CI/CD pipeline. Project sponsored by UpGuard through the Baskin School of Engineering's Corporate Sponsored Senior Project Program

Skills and Technologies

- **Proficient:** Amazon Web Services, Google Cloud Platform, Docker, infrastructure monitoring (Dynatrace, Nagios, Prometheus, Grafana), Linux, git
- **Prior experience:** Kubernetes, Jenkins, ELK stack, Fluentd, HAProxy, Puppet, Python Networking, Technical Support, System Architecture

Certifications

- **AWS Certified Solutions Architect - Associate**