Colt Darien

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Experience

Jan 2020 – Present **Software Developer, S&P Global**, *(RatingsXpress API)*.
- API development for Marketplace and RatingsXpress
  - API written using spring
  - Wrote bolt-data framework to make database queries with JPA easier
  - Worked on much of bolt and am familiar with most parts I didn't contribute directly to
  - Familiar with databricks, K8's/docker, ADO, etc

Aug 2018 – Dec 2019 **SDET, S&P Global**, *(Xpressfeed Loader)*.
- Test Automation for Xpressfeed Loader product
  - Wrote tests with Cucumber, java, jemmy/jemmy fx and various databases
  - Vastly increased automated coverage
  - Reduced codebase by 20% without removing any functionality
  - Fixed automation code to be OS agnostic

Sep 2016 – Aug 2018 **Software Engineer, Xpanxion**, *(xpanxion.com)*.
- Test Automation Architect for Fortune 500 Health Insurance Company:
  - Automated much of the maintenance of developer machines to give them more uptime
  - Wrote tests with Cucumber and java using Selenium

Languages and Frameworks

Golang	Used for implementation of hybrid crypto system in school as well as several personal projects
Java	Used extensively at Xpanxion and S&P global
Python	Main language used in algorithms course at CSU
Selenium	Automation of Anthem website for testing purposes
Spring	Used various spring products including spring-cloud for API development at S&P
Sh/Bash/mksh	Wrote basic scripts for on linux machines to do various tasks
SQL	API development at S&P Global

Computer skills

Cloud	Used k8's for managing API services at S&P for both marketplace and RatingsXpress.
Containers	LXC/LXD, Docker for personal use on home lab
Git	Used 'git' at Xpanxion and S&P Global. Designated "git helper" for many people
Linux	Familiar several package managers, bootloaders, init systems, etc. Comfortable with linux terminal and familiar with several distros including Arch, Alpine, and several Debian derivatives

Education

2012–2016 **B.S. Computer Engineering**, *Colorado State University*, Fort Collins.