

Alex Cook

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databyalex.com

Work Experience

DevOps Engineer - Wellsource

February 2017 – Present

- Designed, built, and automated C#, SQL applications to solve interdepartmental business problems.
- Increased efficiency of production code deployments and customer maintenance ten-fold via development of an installer tool.
- Utilized and maintained continuous-integration tools to improve developer workflow.
- Named Employee of the Quarter (Q3 2017)

Junior Data Engineer - Carevoyance

April 2016 - November 2016

- Designed, tested, and deployed over 50 automated data pipelines using Python web-scraping technology, Node.JS middle-ware, and Redis queues.
- Implemented new customer-facing SQL reporting features.
- Worked autonomously as part of a small team of engineers in an agile development environment.

Geophysics Research Aide - University of Oregon

April 2014 - March 2016

- Installed network of seismometers across Cascade Range as part of ongoing MOCHA/iMush research project.
- Performed scientific data analysis and visualization using MATLAB software suite.
- Autonomously designed and built Linux seismometer and housing units.

Additional Skills

Programming Languages: C#, Javascript, Python, SQL, Bash, Powershell

Databases: PSQL, SQL Server, Redis

Web Frameworks: IIS, Apache, Nginx, Flask

Web Hosting Services: AWS, gCloud

Other Technologies: AngularJS, Node.JS, D3.JS, Scrapy, Neo4j, Git, SVN, TFS, TeamCity

Education

Bachelor of Science in Applied Physics

University of Oregon – Winter 2016

Course work in the fields of mathematics, statistics, computer programming, data analysis, electrodynamics, analog and digital electronics, chemistry, thermodynamics, and quantum mechanics.

References

References at Wellsource available upon request.

References at Carevoyance available upon request.