

Dylan Barnard

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Collaborative and engaged software engineer with a focus working on scalable and reliable platform back-end services. Previous experience as a product manager. Co-creator of Layr, an experimental, decentralized cloud file storage service.

RECENT EXPERIENCE

Software Engineer | Splunk, San Francisco, CA Sept. 2018 – Present

- Lead work on features and CI/CD to deploy compliant, reliable software to production environments

Full Stack Developer | Freelance, San Francisco, CA Sept. 2017 – June 2018

- Contributed to projects ranging from a JavaScript chatbot demo to a user notifications system in Rails

Software Development Intern | Home Depot Quote Center, Vancouver, WA June 2017 – Sept. 2017

- Built first mobile web version of e-commerce site used by 50K employees using React/Redux and Sass

Engineering Intern | Tilde, Inc., Portland, OR Oct. 2016 – Mar 2017

- Paired to build a [new version](#) of Tilde's admin site by creating a new Rails API and Ember.js front-end

Contract Web Developer & Business Analyst | ICE Cable Systems, Portland, OR Feb. 2016 – July 2016

- Wrote well-tested Rails code to improve functionality of e-commerce site and internal analytics tools

Data Product Manager | Smart Agriculture Analytics, Beijing, China Oct. 2014 – Sept. 2015

- Managed both technical development and content research to launch the company's first data product

PROJECTS

Layr: Decentralized cloud file storage system for private and secure storage on a P2P network in Node.js.

- Collaborated with two other developers to implement remote data audits across a network, efficient file shard distribution, and a smart-contract based payment system for incentivizing participation.
- Read more about the project at <https://layr-team.github.io/layr-project/>

TECHNICAL SKILLS

Strong: Go (Golang), SQL (Postgres)

Knowledgeable: Docker, Kubernetes, bash, Make, Terraform, Gitlab CI/CD, ES6, Ruby, Node, React, Ember.js

TALKS

Introduction to Decentralized (P2P) Applications: SFNode - July 12, 2018 — <http://y2u.be/8sN3cT5T-5g>

EDUCATION

Launch School, An Online School for Software Engineers, 2016

Beijing Language & Culture University, Mandarin Chinese, 2013

Lewis & Clark College, B.A, International Affairs & Foreign Languages (Mandarin & Spanish), 2010

OTHER SKILLS & AWARDS

Chinese language proficiency: Passed HSK Level 6, China's highest level language proficiency test, 2013