



Farley Schaefer

Software Engineer

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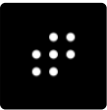
EDUCATION

Bachelor in Computer and Information Science -
Majoring in Software Development
Auckland University of Technology

SUMMARY

A passionate engineer, fan of music, comedy, and 60 series Toyota Landcruisers. I am driven by being able to make a change in the world through technology, focussing heavily on machine learning.

RECENT EXPERIENCE



Intermediate Backend Developer

Roam, March 2018 - November 2020 (2 years, 9 months)

Roam is a digital agency based out of Auckland, New Zealand. Being an agency, over my tenure I was fortunate enough to be able to work on five completely different projects, which constantly kept things interesting, and taught me a valuable lesson in the importance of coupling solid design with great engineering.

The work I am most proud of achieving at Roam was helping to build the internal backend framework and tooling, which was the workhorse behind every project we built. As well as building a shipping (freight) container detection and tracking system for a very large US mining company, using bleeding edge object detection algorithms and tooling.



Backend Developer

JustWatch, Jan 2016 - December 2016 (11 months)

During my time at JustWatch I worked remotely as a freelance backend developer while attending university in 2016. I wrote small scripts (called plugins internally) which worked with an internal scraping framework to pull movie content from the APIs of numerous approved content providers. This job gave me a great opportunity to learn from a group of very intelligent senior developers working on complex highly concurrent systems. The work I did for JustWatch is still running in production today, and I maintain a good relationship with the company's CTO.

OTHER WORK



Founder

Dibs, Jan 2020 (ongoing)

Starting as a small personal project to find an 80's Toyota Landcruiser, Dibs quickly turned into a fully functioning service that allows users to easily find their dream car without the stress of constantly looking out for the best deal across multiple marketplaces. With the help of a great friend and designer we built and launched the site in 2020. Check it out at <https://www.dibs.ai>



Python Developer

Smart Encrypt, December 2020 - January 2021 (2 months)

I worked with the Smart Encrypt team to build, deploy and monitor a highly concurrent load testing service, written in Python and using the Locust framework. We scaled the service to simulate thousands of active users hitting their backend API in order to identify potential failure points in their system.

SKILLS

Go / Typescript / Python / Postgres

These are my core skills that I use on a daily basis to build both personal and professional products. I started learning Go in 2014 and have kept it as my go-to general purpose programming language due to its simplicity and speed. Python I use for writing scripts and doing artificial intelligence research (with PyTorch, typically). I have also been using Typescript and Postgres for the last three years professionally.

Technical Skillset

- Git for source control
- HTML, CSS & JS web development
- React
- Bash / ZSH
- CI/CD using CircleCI & GitHub pipelines
- Docker
- AWS Suite: S3, EC2, ECS, ECR, Beanstalk, etc
- Lambda / Function development
- Highly concurrent systems development
- NestJS / TypeORM (Typescript)
- PyTorch / PyTorch Lightning
- Coffee Latte art