
Professional Experience

Backend Software Engineer	Routable	2019 – 2020
<ul style="list-style-type: none">Designed and developed Django REST API for ingestion by frontend and API clients.Instrumental in an effort to improve automated testing, increased test coverage by 20%, including writing 500+ tests.Collaborated with Customer Success team to design and develop automated CRM features including notifications with services like Email, Slack, Intercom.io, and Customer.io.Helped shape company culture and engineering processes by introducing linting and acceptance testing via CircleCi.		
Backend Software Engineer	TOMIS	2018 – 2019
<ul style="list-style-type: none">Designed and developed Data Warehouse and Django-based ETL pipeline for reservation system bookings and google services data.Designed and developed Django REST API for ingestion of the Data Warehouse by frontend and data science teams.Managed and scaled PostgreSQL databases while optimizing SQL queries and database schemas for better performance.Utilized the full Atlassian stack including writing unit tests for the continuous integration pipeline		
Full Stack Web Developer	Gecko Designs	2014 – 2018
<ul style="list-style-type: none">Developed and maintained complex WordPress and other CMS-based applications.Developed WordPress and other CMS plugins and custom backend (API) functionality.Developed and maintained Linux servers for web-hosting, development, testing, asset management.Introduced and developed bug tracking, project tracking and SVN software to development workflow.		
Software Engineer	Rook Media	2013 – 2014
<ul style="list-style-type: none">Designed and developed python version of targeted email ad delivery system and supporting databases and tool-chains.Designed and developed Unix tools and scripts for management of large databases, server clusters and data-mining of tracked recipient data.Designed, developed, and maintained multiple administration and management tools for clients.		

Education

Missoula, Mt	University of Montana	Fall 2006 – May 2011
<ul style="list-style-type: none">45 credits toward a B.S. in Computer ScienceUndergraduate Coursework: Operating Systems; Databases; Algorithms; Programming Languages; Comp. Architecture; Calculus II; Bioinformatics; Computer Architecture; Algorithms; Artificial Intelligence; Computational Theory; Cryptography; Machine Learning.		

Personal Projects

- Free sticker web scraping Bot** (2019). Unix command line tool that can be run periodically to scan the web for “Free Sticker” offers. *Python, HTML, CSS, JS, Http, Linux.*
- Reddit Image Blur Detection and Correction Bot** (2018). AWS microservice-based bot that scans all new reddit.com posts and comments for images and determines blur level and attempts to deblur. *Python, AWS Lambda, AWS S3, AWS DynamoDB, AWS CloudFormation.*
- RaspberryPi RFID & WebApp Door Access System** (2016). Custom RaspberryPi-based office security system allows access by RFID card or Internet facing WebApp that can lock and unlock the doors. *Python, C, Php, Nginx, Linux.*
- Cryptocurrency arbitrage trading bot** (2014). Unix command line tool that connects to multiple bitcoin and litecoin web exchanges and calculates profitable arbitrage trading chains and executes them. *Python, Json, Xml, Http, Rest.*

Languages and Technologies

- Python; Celery; Django; Flask; PostgreSQL; Git; Redis; PHP; Ruby; Bash; Docker; Kubernetes;
- PyCharm; Sublime Text; Visual Studio; Windows; Unix; Linux; Mac OS; AWS; Google Cloud;
- Slack; JIRA; CircleCi; GitHub; BitBucket; Lucidchart; Postman; Notion;