Robert Lin

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Work Experience

Sourcegraph, Inc. | Software Engineer Intern
Remote
Starting soon!
Starting May 2020

Sumus Properties Group Ltd. | Software Developer (Part-Time)
Remote
Javascript, Typescript, NodeJS, MongoDB, React
Oct 2019 - Mar 2020
- Developed an investment management platform for employees to monitor the company's properties
- Designed and implemented a Figma (design tool) plugin to aggregate data and generate reports

Riot Games, Inc. | Software Engineer Intern
Los Angeles, California
Golang, Javascript, React, D3.js, Graph Databases, MongoDB
May 2019 - Aug 2019
- Wrote, implemented, and deployed an RFC design for defining alerts for hundreds of microservices
- Streamlined alert triaging by building an alert visualization tool and data pipeline to link related incidents

RTrade Technologies Ltd. | Software Engineer (Part-Time)
Remote
Golang, gRPC, Docker, PostgreSQL, Tesseract
Sept 2018 - Apr 2019
- Built a new product by implementing a service to orchestrate nodes for distributed filesystems
- Improved results and performance for our search engine by integrating OCR and revamping the indexer

Michael Smith Genome Sciences Centre | Bioinformatics Co-op
Vancouver, British Columbia
Javascript, NodeJS, PostgreSQL, React, Python, Elasticsearch
Jan 2018 - Aug 2018
- Reduced average data load times by 80%+ and enabled new data views and reports by building a new Node.js server that became the core of the team's 4 DNA analysis workflows and 3 websites

Extracurricular

UBC Launch Pad | Tech Lead, Co-President
UBCLAUNCHPAD.COM
STUDENT-RUN SOFTWARE ENGINEERING CLUB
Jan 2018 - Aug 2019
- Provided support and mentorship as tech lead for three student teams of 5 10 members on full-stack projects

nwPlus | Web Developer
2019.NWHACKS.IO
THE ORGANIZATION BEHIND WESTERN CANADA'S LARGEST HACKATHON, NWHACKS
May 2018 - Sept 2018
- Implemented the nwHacks 2019 website and applicant management system used by 1000+ applicants

Open Source
GITHUB.COM/BOBHEADXI

Inertia | Lead Developer
INERTIA.UBCLAUNCHPAD.COM
EFFORTLESS, SELF-HOSTED CONTINUOUS DEPLOYMENT PLATFORM
- Built a CLI and easily deployable daemon in Golang to automate service updates, builds, and deployments with Docker - used by 4 teams at UBC Launch Pad with 8400+ downloads, 20+ contributors, and 100+ stars

Education

University of British Columbia
Vancouver, British Columbia
B.Sc. in Mathematics
Sept. 2016 - Exp. May 2021