

Boris Wang

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SKILLS

Languages C/C++, Java, JavaScript, TypeScript, Python, Golang, SQL
Technologies Node.js, React.js, Next.js, Django, PostgreSQL, Terraform, AWS, Git, Docker, Kubernetes

EXPERIENCE

Software Engineer Intern

May 2026 - August 2026

EvotruX

Vancouver, BC

- Built a carrier company search tool with Django and React enabling users to search 2,000+ companies by name, carrier type, lane and load type with server-side filtering and pagination, serving 500+ daily users
- Developed a tracking link submission rate metric for carrier profiles through PostgreSQL aggregate queries over shipment event data to give shippers visibility into carrier reliability before booking
- Implemented a quote viewing feature with Django and React, persisting view events to give shippers real-time visibility into quote activity, used by 200+ users daily
- Standardized codebase-wide Python and TypeScript tooling by enforcing Ruff, Prettier and ESLint in CI/CD pipelines and migrating our build tools to Vite, catching 1,000+ potential errors pre-merge and cutting build times by 90%

Software Engineer Intern

Sep 2025 - April 2026

4AG Robotics

Salmon Arm, BC

- Engineered a harvest monitoring service to track robot parameter changes and analyze their impact overall on production yield using TypeScript, C++, PostgreSQL and Kafka, assisting farm operators in selecting optimal harvest settings
- Optimized high-latency analytical data retrieval endpoints using C++ and PostgreSQL, cutting end-to-end response times by 90% and improving overall system responsiveness for customers
- Enhanced Kafka consumer reliability by implementing manual offset commits to prevent data loss with C++ and developed an API test suite using GoogleTest to validate data persistence during service interruptions

Full Stack Developer

Sep 2024 - Apr 2025

UBC Launch Pad

Vancouver, BC

- Collaborated with a team of developers to engineer an AI-powered academic forum with Next.js, Deno and Supabase to aid student learning through structured, community-driven discussion
- Designed and implemented RESTful endpoints and managed relational forum data using TypeScript and PostgreSQL, allowing users to view, upload, comment and like posts
- Developed a workflow to embed and store post content using a vector embedding model for a retrieval augmented generation system utilizing TypeScript and Supabase, improving AI response accuracy

Data Science Intern

May 2024 - Aug 2024

M2M Tech

Vancouver, BC

- Developed machine learning models to analyze public datasets utilizing segmentation, classification and regression techniques with Python, scikit-learn and pandas
- Optimized model performance by building data training pipelines and applying techniques such as principal component analysis (PCA) and cross-validation, increasing model accuracy by 9%

PROJECTS

Coldbrew - Hackathon Project: Finalist, RBCx Track and Creative Destruction Lab Venture Track

- Built a website using Next.js and Supabase to generate and track LinkedIn outreach messages based on a job posting using AI workflows
- Leveraged Gumloop to orchestrate AI workflows to find relevant connections and create personalized messages
- Developed user-friendly UI components and API endpoints to effectively track and manage user outreach activity

Distributed URL Shortener - Personal Project

- Developed a scalable URL shortener using a RESTful HTTP Golang server and Docker with a PostgreSQL database
- Orchestrated Kubernetes infrastructure with Minikube, provisioning stateless Deployments for high backend service availability and PostgreSQL StatefulSets with Persistent Volume Claims for database persistence

EDUCATION

University of British Columbia

Expected May 2028

B.Sc. Major in Computer Science

Vancouver, BC

Coursework: Software Construction, Data Structures and Algorithms, Relational Databases, Operating Systems

Extracurriculars: Co-President @ UBC Launch Pad