Nicholas Chin Jie

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SKILLS

Languages: Java, GoLang, JavaScript, SQL, Python, HTML5 / CSS3
Frameworks: Spring, Go-Micro, NodeJS, JQuery, React, gRPC
Tools: Docker, Kubernetes, Jenkins, MongoDB, MySQL, Redis, Git

WORK EXPERIENCE

Revenue Monster
Remote
Full Stack Developer – Contract — May 2020 – August 2020
- Currently working on building online and contactless e-Payment API Gateway and Services using Golang, Docker and Kubernetes

HSBC
Vancouver, B.C.
Full Stack Development Intern — May 2019 – December 2019
- Developed HSBC Canada's first Open Banking REST-API using Java Spring in Pivotal Cloud Foundry
- Integrated the Open API with partnered third-party Canadian service providers using GoLang and Docker
- Developed and deployed a collection of distributed microservices using Java, Spring Cloud and Jenkins; as part of a cross-team effort to implement Background Check services across three countries
- Streamlined new credit card and credit inquiry applications into a single page web application using Java, Node and React; halving the time taken for new customer account opening journeys

UBC Visual Cognition Lab
Vancouver, B.C.
Research Assistant (Part-Time) — August 2018 – April 2019
- Designed a series of studies to explore the nature of correlation perception in single-population scatterplots
- Built software with JavaScript to analyze participant data and power dozens of user trials
- Improved visual obstacle detection using C++ in a virtual driving simulator via parameter optimization

OPEN SOURCE

VCL Web Framework | InfoViz Visualization Framework
ubc-vcl.github.io/VCLWebFramework
Senior Contributor — January 2020 – May 2020
- Built a JavaScript visualization framework to power correlation-related experiments across a variety of graphical visualizations, as part of an initiative driven by Vancouver's vision science community
- Established a peer review process to onboard and train new contributors on an ongoing basis

UBC Launch Pad | Student-Run Software Engineering Club
inertia.ubclaunchpad.com
Developer — January 2019 – May 2019
- Worked on a CLI and easily deployable daemon in GoLang to automate builds and deployments with Docker
- Built a travel recommendation app and landing page using HTML, CSS, and JavaScript.

Teacher for A Day | Hackathon
Lead Developer — October 2017
- Worked in a team of five; developed scripts and plugin in Javascript to build an interactive Role-Playing Game
- Won *Second Place* at a 24-hour hackathon totaling over 400 attendees

EDUCATION

University of British Columbia
Vancouver, B.C
B.A in Cognitive Systems — September 2016 – May 2021