

Dong Hyuk (Johnny) Jin

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EDUCATION

University of Toronto, St. George
Honours B.Sc. Computer Science, Specialist

Sept 2013 - May 2020

WORK EXPERIENCE

Bluecat Networks

Aug 2018 - Aug 2019

Software Development Co-op

- Develop APIs in Golang using Gin framework based on OpenAPI specs
- Automate the process of deploying containerized services on AWS ECS with cloudformation
- Built working prototypes using Hashicorp Stack(Nomad, Consul) enabling the process of remote deployment and monitoring of services
- Developed dynamic and interactive web application with React and Redux. Enable real-time notifications using sockets and polling

Republic of Korea Army

Dec 2015 - Aug 2017

Intelligence Operations / Topographic Analyst

- Built topographic analysis scripts that provides terrain based map analysis using GIS
- Built in-house offline coordinate system conversion tool for field units

Schoool (English On The Go)

Jan 2015 - Nov 2015

Software Developer

- Built and deployed API server on CentOS in Node.js and Express Framework
- Modeled relational database with MySQL based on data domain
- Built web application for promoting and advertising the application

PROJECTS

Cancer Care Ontario E-Health Application

Sept 2019 - Dec 2019

Project Course

- Design OpenAPI specs and developed Express server with Elasticsearch integration
- Containerized applications and services for deployment on Heroku with Travis CI

Perfect Pitch

Jan 2020 - May 2020

Start-Up Course

<https://perfect-pitch-web.herokuapp.com/>

- Developed web application to mitigate problems in the music licensing industry
- Worked in a team of 4 conducting market research, interviewing industry experts and potential customers

OPEN SOURCE CONTRIBUTION

Dep (<https://github.com/golang/dep>)

Dependency Management for Golang

- Added netrc support for Git credentials allowing users to access private repositories

TECHNICAL SKILLS

- Javascript, Go, Python, Java
- Node.js, Express, React.js, Redux, Docker, Nomad, AWS Cloudformation
- Familiar with AWS, Linux, MacOS, Windows Environment
- MySQL, PostgreSQL, MongoDB, SQLite
- Github Actions, Gitlab CI, Jenkins