JOHN GILPIN

SOFTWARE DEVELOPER

CONTACT

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JGILPN.GITHUB.IO

WORK EXPERIENCE

FULL STACK SOFTWARE DEVELOPER
INDEPENDENT CONTRACTOR | MAY 2020 - DEC 2020

- Converted a medical imaging simulator from the client's MATLAB ImSim to Python ImSimPy.
- Technologies: Python (Tkinter, NumPy, SciPy, Sci-Kit Image)

RECENT PROJECTS

PROSHOP
E-COMMERCE & REST API | JAN 2021

- A full-stack e-commerce web application.
- Front-end: React, Bootstrap
- Back-end: NodeJS, Express, MongoDB

MEME MAKER
WEB APP & REST API | NOV 2020 - DEC 2020

- A web application for users to create and share fun images and memes.
- Front-end: HTML5/CSS, Bootstrap, JQuery, SwaggerUI
- Back-end: NodeJS, Express, MySQL, Amazon S3

ABALONE AI GAME AGENT
AI & ML | OCT 2020 - DEC 2020

- An abalone board game program with AI game agent.
- Technologies: Python (PyGame, Tkinter, Sci-Kit Learn)

SKILLS

General: Object Oriented, Relational Database, Agile/Scrum, AIML

Software Development: Python, Java, C

Web Development: HTML5, CSS, JavaScript ES6

Backend: NodeJS, MySQL, MongoDB, Firebase, Heroku, Amazon S3

Frameworks/Libraries: ReactJS, React Native, jQuery, Bootstrap

Tools: Git/Github, Jetbrains, Visual Studio Code

EDUCATION

DIPLOMA **- COMPUTER SYSTEMS TECHNOLOGY**
BC INSTITUTE OF TECHNOLOGY | 2019 - 2020
BURNABY, BC

UNDERGRADUATE **- BIOCHEMISTRY**
UNIVERSITY OF BRITISH COLUMBIA | 2015 - 2017
VANCOUVER, BC