

JOHN GILPIN

SOFTWARE DEVELOPER

CONTACT

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SOCIALS

JGILPN.GITHUB.IO

LINKEDIN.COM/IN/JOHN-GILPIN

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WORK EXPERIENCE

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

Frontend: HTML5, CSS, JavaScript ES6

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

Frameworks/Libraries: ReactJS, React Native, Redux, 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