

JOHN GILPIN

SOFTWARE DEVELOPER

CONTACT

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RECENT PROJECTS

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: Bootstrap, JQuery
- Back-end: NodeJS, Express, MySQL, SwaggerUI

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)

IMSIMPY

FULL STACK | MAY 2020 - DEC 2020

- Contract project
- Client: Dr. Barry Point, BCIT Nuclear Physics
- A medical imaging simulator converted from the client's MATLAB ImSim to Python.
- Technologies: Python (Tkinter, NumPy, SciPy, Sci-Kit Image)

SKILLS

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|-------------------------------|--|
| • Object Oriented Programming | • Git & Github Workflow |
| • Full Stack Development | • Agile Methodologies |
| • Relational Databases | • Artificial Intelligence & Machine Learning |

PROGRAMMING LANGUAGES

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|----------------|--------------------|
| • Python | • JavaScript (ES6) |
| • Java | • React |
| • C | • Bootstrap |
| • HTML5 & CSS3 | • NodeJS & Express |

EDUCATION

DIPLOMA - COMPUTER SYSTEMS TECHNOLOGY

BC INSTITUTE OF TECHNOLOGY | 2019 - 2020

BURNABY, BC

UNDERGRADUATE - BIOCHEMISTRY

UNIVERSITY OF BRITISH COLUMBIA | 2015 - 2017

VANCOUVER, BC