Toronto, ON

www.github.com/nwyGit

Wai Yan Ng

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As a skilled software developer with expertise in coding, troubleshooting, and software engineering. I have completed successful projects demonstrating proficiency in programming languages such as Javascript, C++, and Python, and have a proven track record of delivering results through effective problem-solving and communication. I am passionate about staying up-to-date with the latest technologies and best practices in software development, and I look forward to utilizing my skills to drive innovation and excellence in the industry.

SKILLS

Language: Python, C++, JavaScript, HTML/CSS
Databases: PostgreSQL, OracleSQL, MongoDB

Frameworks: ReactJS, NextJS, NodeJS, ExpressJS
Tools: Git, Jest, OAuth, Docker, Kubernetes

EXPERIENCE

Assistant Designer (Internship), Hunt Yen Consultants Ltd – Hong Kong   05/2020 – 10/2020
- Demonstrated strong problem-solving skills and creativity in developing design concepts.
- Developed skills set in project management and collaboration.
- Assessed job sites to obtain measurements and other relevant data for 8 clients, enabling precise CAD drawings while achieving optimal efficiency and accuracy.
- Assisted the Lead Designer with design presentations and 3D visuals for clients, effectively illustrating proposed concepts to increase customer satisfaction.

EDUCATION

Computer Programming Diploma Program (GPA: 3.9)   01/2022 - Present
Seneca College – Toronto, ON
- Equipped with expertise in mobile and web development, data visualization, management techniques, data structure and algorithms, operating systems, and networks.
- Experienced in collaborating with development teams, IT professionals, and business units to ensure effective teamwork and project completion.

Bachelor of Arts (Honours) in Landscape Architecture   09/2017 – 06/2021
Technological and Higher Education Institute of Hong Kong – Hong Kong
- Equipped with technical and professional knowledge and abilities to address landscape project planning, design, and management.
- Consolidated visualization competence and sustainable solutions in spatial design for the built environment with knowledge of ecological systems

Projects

Personal Website: www.raymond-ng.com (for additional information and projects)

Prognolytics
- Developed a user-friendly web application using ReactJS and NextJS to offer personalized financial health analysis to users, empowering them to make better financial decisions.
- Implemented NodeJS and ExpressJS to build a scalable backend that can handle high traffic and store data in databases using MongoDB.
- Integrated Google's Vision API for Optical Character Recognition (OCR) and OpenAI's NLP model to process user data and provide actionable financial improvement advice.
- Utilized: JavaScript, NextJS, ExpressJS, MongoDB, Vision API, OpenAI API, HTML/CSS, GIT