








Johnny Park

Full Stack Web Developer

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Profiles

 johnnypark123
LinkedIn

 johnnypark777
Github

Skills

Frontend Web Development

Expert

Angular, HTML/SCSS, TypeScript, Jasmine

Backend Development

Expert

NodeJS, Postman, TypeScript, C#, .NET

Pipeline Management

Advanced

Azure Pipelines, Azure Devops, YAML, Selenium, Spectron, Cypress

Data Visualization

Introductory

Grafana, Azure Data Services, Data Monitoring, Azure Data Analytics

Interests

Video Games

League of Legends, Various rougelike games

Coffee/Tea

Black Cold Brew, Mocha Chai Latte

Outdoor Activities

Bouldering, Hiking

Artificial Intelligence

Neural Networks, GPT-3

Awards

Carleton uOttawa Collaborative Award

uOttawa Hackathon
2020-02

Awarded for project Hydr8: a straw that measures liquid consumption

Dean's Honour List (2)

Carleton University
2020-05

Recognized for academic achievements

Languages

English

Native

Korean

Native

Summary

I am a full stack web developer with 2+ years of experience providing high-impact web solutions for diverse industry organizations. Skilled in developing and testing multiple web-based applications incorporating a range of technologies. Aspiring to combine broad background with strong technical skills to excel as a web developer.

Experience

Nureva Inc.

Software Developer, Calgary AB

2021-05 - Current

 <https://www.nureva.com>

Built large scale backend application using NodeJS

- Built two large scale frontend applications, one as a standalone application and other as a cloud-based application
- Experience in multi-platform, released products to both Windows and Mac
- Developed websites and web services using a variety of Azure cloud technologies
- Updated various npm packages in order to keep the product secure and prevent vulnerabilities.
- Helped developers establish a proper git branching strategy and merge policy in order to keep the commit history clean and readable.
- Performed code reviews on a daily basis for junior and senior developers to help teach people who were unfamiliar with the code domain and coding styles. Trusted to perform code reviews on code in other domains for others.
- Demoed accomplishments completed with my team in bi-weekly sprint reviews
- Actively engaged in daily stand-ups
- Worked on developing APIs including REST APIs and used tools such as Postman
- Worked closely with UX developers to optimize velocity by refining their ideal designs to allow them be implemented faster and achieve the desired output or similar.
- Worked on full stack application development including hardware communication protocols
- Conducted full lifecycle application development in an agile scrum environment and used agile tools such as Jira
- Implemented unit tests, end-to-end tests, integration tests, and many other various testing methods
- Worked on devops tasks such as modifying dockers, VM server loading, and azure pipeline test implementation

Education

Carleton University

Mathematics

2018 - 2022

11.1/12.0 (GPA: 3.9/4.0)

Bachelor of Science

 <https://carleton.ca/>

Projects

Scrabble Game

Game Development

2020-01 - 2020-04

 <https://github.com/johnnypark777/Scrabble>

- Built a gaming application that executed the rules and play board environment of a traditionally played board game
- Developed scrabble scoring algorithm that matches all edge cases
- Used tkinter, a python GUI library to develop a scrabble game
- Objective was to develop a AI that can calculate the winning probability of the game

Python, Tkinter, Game Development

Rock-Paper-Scissors Project

AI and Machine Learning

2019-04

 <https://github.com/johnnypark777/Rock-Paper-Scissors-Project>


- Researched and implemented algorithms that would enable a computer to play a pseudo-random game against humans
- Used Scikit-learn, a python machine learning library to develop an AI that analyze the human player's hands and construct an algorithm that would generate a high winrate against the human player
- Collaborated and communicated with developers with different backgrounds in the project team

Scikit-learn, Python, Machine Learning

Hydr8 Project

Arduino Programming

2020-02

 <https://devpost.com/software/hydr8-8m9hn1>

- Used arduino to make a bottle that measures the liquid consumption on the straw
- Received an award for best collaboration

C, Arduino, Circuitry

Image Storage Project

Web Development

2021-04

 <https://image.johnnypark.ca>

- Built a image storage website when quickly needed to upload, transfer, and share images
- Used Jamstack, a newly developed javascript web architecture
- Reused the backend code from my personal website to handle API requests

Jamstack, Javascript, React, Django