HONGQING CAO

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Bachelor of Software Engineering in McMaster University with experience working on collaborative projects and a passion for development.

Developed time and task management and teamwork communication skills in course and personal projects.

EDUCATION

McMaster University, Software Engineering Bachelors   Sep 2017 - May 2021

Cumulative GPA in last two years is 3.7/4.0.

Related courses	Description
Software Design	Concurrent programming. Software architecture design.
Software Engineering Experience	Programming with application of algorithms.
Software Optimization	Combinatoinal algorithms and Optimization
Software Testing	Software measurement, testing techniques and documents.
Databases	Data modeling and SQL
Machine Learning	(None)Linear Regression/Classification. Neural Networks.

SKILLS

Programming	Python, Java, SQL, CSS, HTML, JavaScript, React, C/C++/C#, Assembly language (NASM/LEGv8), Golang, VBA
Software & Tools	MATLAB, Git, LaTeX, Autodesk Inventor, LabView with Intel FPGA, Linux/Unix, IBM DB2, Gantt

PROJECTS

CodeBee   Sept 2020 - Apr 2021

- Developed a web game in **JavaScript** that teaches young children programming in a group of six.
- Following Agile development process and integrated a self-defined programming language.
- Gain deep understanding about JavaScript with React, cloud server and gamification.

SlimeOut   Jan 2020 - Apr 2020

- Developed a slime pet battling game developed on **Unity** in a group of five.
- Software designing process from requirement, PAC architecture design, to implementation.
- Developed C# programming skills with Unity, team communication skills, and software design practice as game algorithm developer and software designer.

AWARDS

[FairTest - Best Productivity of Sigmahacks 2.0](#)   Jul 2020

- Developed an online anti-cheating testing platform built by **Django** as a full-stack development framework as a group of four as front-end developer in a 2-day Hackathon event.
- Integrated the web application with **Python facial recognition** library.
- Developed HTML/CSS/JS skills, along with basic knowledge about Django as front-end developer.