


Taha Khan

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 <https://tahakhan8899.github.io/portfolio/>

WORK EXPERIENCE

APPLICATION DEVELOPER

McMaster University – Computer Services Unit

APRIL 2019 – PRESENT

- Worked on the front-end for numerous websites using HTML5, CSS3, Bootstrap, and SASS
- Developed the backend using **C#, PHP Laravel**, and **MySQL database** to build widgets and forms
- Increased efficiency of user's file submission process by more than **60%** through development of custom forms to automate tasks

COMPUTER PROGRAMMING INSTRUCTOR

Real Programming 4 Kids

DECEMBER 2018 – JUNE 2019

- Taught 3 courses to children and teenagers about how to program **video games**
- Instructed students through entire game development process using **Java, Visual Basic, Python, and C#**
- Responsible for counselling, mentoring, and inspiring the youth

FRANCHISE OWNER

Student Works Window and Eaves Cleaning

JANUARY 2018 – AUGUST 2018

- Selected out of hundreds of candidates to run a local small business for 8 months
- Generated **\$30,000+ of revenue** over 4 months
- Enhanced interpersonal skills through **100+ hours** of **teamwork** and **hiring employees**
- Multitasked by managing all admin tasks such as **planning sales/marketing** strategies, scheduling jobs, managing payrolls and **profitability**

TOOL-KIT

Languages: Java, Python 2/3, PHP, C++, C#, Visual Basic, HTML5, CSS3, MySQL, MSSQL Server, Haskell, Elm, Netwide Assembler, asp.net

Tools: Bash, Git, Unix/Linux, Windows 7/8/10, MacOS Command Prompt, Ubuntu, LaTeX, GitHub, JUnit, pytest, xampp, npm

PROJECTS

SMART ESTATE

- Developed a **Java** app that recommends where users should buy or sell real estate in the US
- Utilized efficient **data structures** (stacks, trees, lists) and **algorithms** (quick sort, binary search, breath first search) to compute recommendation
- Analyzed multiple **databases** of statistics such as crime, income, and housing prices, to generate the most optimal State to buy or sell

EVENT TRACKING ASSISTANT (ETA) CALENDAR

- Used **PHP Laravel, JavaScript, HTML, and Bootstrap** to design and build a university wide calendar system
- Implemented full CRUD functionality with **MySQL, XML, and JSON**
- Shipped the end product as a widget that any university department can embed in their website

EDUCATION

COMPUTER SCIENCE (CO-OP)

McMaster University

Hamilton, ON Sep. 2017—Apr. 2021 (Expected)

- Bachelor of Applied Science (B.A.Sc.)
- Minor in Business