Evan Mulrooney

emulrooney.github.io   evanmulrooney@gmail.com   905 730 7089

Profile

Collaborative, adaptable software development student with a background in live theatre. Recent co-op experience developing large scale educational administration software in an *Agile* environment. Graduating December 2020.

Education

Mohawk College   September 2017 - December 2020
Computer Systems Technology - Software Development
- Dean's Honours List (Sept '17, Jan '18, Sept '18)

Brock University   September 2009 - April 2013
B.A. Dramatic Arts (Honours)

Key Skills

Languages
C#, HTML/CSS, Java, Javascript, PHP, Python

Other technologies
ASP.NET Core, Bootstrap, jQuery, Linux (Ubuntu, CentOS), Git, Godot, React, SASS, Selenium, Spring, SQL, Unity, Vue.js

Miscellaneous
Technical writing, research, presenting, software testing, working proficiency in French

Experience

Orbis Communications (Hamilton, ON)   January 2019 - August 2019
Software Developer (Co-op)
- Developed module to output interactive graphs using LINQ, Charts.js, Vue.js and ASP.NET Core, allowing for quick analysis of millions of student entries.
- Rebuilt key dashboard pages for co-op and co-curricular modules on *Outcome*, Orbis' single source education platform.
- Improved overall accessibility on client-facing pages for those using screen-readers or with reduced mobility.
- Tech used: C#, HTML/CSS, Hibernate, Java, Javascript, JSTL, Spring.

Mohawk College (Hamilton, ON)   September 2018 - December 2018
Peer Tutor
- Tutor for Python, Javascript and Java, covering basic programming topics.
- Also assisted students learning HTML & CSS, Math, Excel formulas.

Projects	HamArtsMap (Javascript, PHP, MySQL, SASS)	October 2019 - Present

- Full-stack app web app to encourage tourism and engagement with local culture.
- Uses *Bing Maps* to facilitate finding art galleries, museums, heritage sites and local monuments using Hamilton's open data project.

Mayd.ai (C#, Project Gesture SDK)   September 2019

- Hack the North '19 entry with details at *https://devpost.com/software/mayd-ai*
- Repurposed *Microsoft Kinect* to create fall detection app to improve senior safety.
- Employed *Project Gesture* to identify distress and post request to *Firebase* web app.
- Built dataset using *Kinect Studio* and *Visual Gesture Builder*.

Pangolin Dinner (Unity, C#)   April 2018

- Playable at *dog-eared.github.io/Pangolin_WebGL/*
- Winner of *Best Overall Game* at Mohawk's first ever game jam.
- Designed and implemented core mechanics and level management.

Orbital4 (Java)   February 2018 - March 2018

- Git repository at *github.com/dog-eared/Orbital4*
- Innovative variation on Connect4 for two players written in Java.
- Project employs JavaFX graphics and GUI.

Other Experience   Mohawk College (Hamilton, ON)   September 2018 - December 2018

Researcher, Department of Liberal Studies

- Began ongoing project to update resource listings for students with special needs.
- Updated *Intro to Anthropology* course materials to accommodate students with accessibility needs.
- Developed visuals and statistical analysis of student *ForeSight* creative thinking scores.

Fulcrum Theatre (Hamilton, ON)   May 2011 - July 2013

Producer & Co-founder

- Produced five productions across three summers during undergrad.
- Created production budgets and schedules to ensure technical requirements met.
- Winner of 'Best of Fringe' in Hamilton Fringe, 2012.