Maxwell Huang-Hobbs

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Skills

CSS/Sass/Less & HTML

javascript and jQuery

PHP, Flask

Java, C, C#, Python

Unity

Responsive Web Design

Microsoft Office

Latex typsetting

Adobe Photoshop/Illustrator

Drawing/Illustration

Guitar and Banjo

Relevant Coursework

Software Tools/Systems Programming

Data Structures and Analysis

Introduction to the Theory of Computation

Computer Organization

Software Design

Principles of Programming Languages

Operating Systems

Web Programming

Interests

Design for Digital and Print Media

Music Composition & Production

Drawing

Game Design & Player Statistics

Running

Extracurricular

Uoft Hacks
Summer 2014 ‖ Frontend Web Developer
Collaborated on the Design for and built the frontend of the UofTHacks website.

Computer Science Student Union
2014 - Present ‖ Assistant Software Consultant
Helped new students in the Computer Science Department learn how to use IDEs (wing, eclipse), the Unix shell, and typeset in LaTeX.

Education

University of Toronto
2013 - Present ‖ CGPA: 3.5 ‖ Class of 2017
Computer Science Specialist with intent to minor in Visual Arts

Projects

WardScore
2013 ‖ wardscore.loltools.net
A web-application to track players' warding in the online MOBA game League of Legends. Used by over 420,000 players to date.

Spectrum.py
2014 ‖ Available on EnigmaSM
An open-source script for rendering highly-customizable music visualizations from the Linux console, as an alternative to buying expensive video editing suites like Sony Vegas or Adobe After Effects. Built at PennApps 2014 Spring.

Txti (pronounced textie)
2014 ‖ txti.unhaltable.com
A service for running customizable python scripts through SMS services, using the twillio API. Built at BattleHack Toronto 2013.

Dgr_dr (Degrader)
2013 ‖ dgrdr.enigmasm.com
An image sharing service that progressively decays images as they are viewed. Intended as an investigation of the idea of antiviral sharing and the social implications of bandwitdth as a limited resource. Built at YHack 2013.

Missed Encounters
2013 ‖ Available on EnigmaSM
A short visual novel made during the space between 2:00AM and 2:00 AM on daylight savings for the 0-hour gamejam. It was meant as a look into the temporary nature of meetings between strangers in crowded cities.

A more comprehensive list of projects is available at
github.com/Adjective-Object

Work Experience

Web Development Intern
Summer 2013 ‖ Ambler, PA ‖ Netreach Technologies
Worked in and bug tested the proprietary cmScribe content management system, in otder to modify client sites (Berlitz Colombia, Hope Lodge, Away to Donate), and built a template blogging site in cmScribe as a Senior Project.

Lab Assistant, Wistar Institute
Summer 2013 ‖ Philadelphia, PA ‖ Dr. Maureen Murphy's Lab
Maintained and ran tests on in vitro cancer cell cultures transfected to express different polymrphisms of the p53 cancer-indicator gene.

Lab Assistant, Applied Separations
Summer 2011 ‖ Allentown, PA ‖ Product Research Lab
Conducted exeriments using supercritical CO_2 as a solvent to extract various compounds from algae and dye ceramic gun parts.

Extra, The Last Airbender
Summer 2009 ‖ Fort Washington, PA