MATTHEW TSUI

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EDUCATION

Honours B.A. Computer Science
University of Waterloo, 2016
Software Engineering Option

Honours B.A. Business Administration
Lazidiris School of Business and Economics, 2016
Marketing Option

EXPERIENCE

Software Engineer
Palette (Sep 2015 – Dec 2015)
• Shipped a Mac/Windows C++ app with improved UX and Adobe integration
• Redesigned and implemented website for a better mobile experience

Application Developer
Imagine Communications (Jan 2015 – Apr 2015)
• Refactored Angular & LESS single page web app for modularity and reusability
• Developed UI web concept shown at North American Broadcast show 2015

Game Designer/Developer
Christie Digital (Jan 2014 – Apr 2014)
• Created capture-the-flag mode for a projection-mapped Unity game

Web Developer
MyPlanet Fellowship (Jan 2014 – Mar 2014)
• Interviewed and surveyed restaurant owners and farmers to frame problem
• Prototyped online database to connect restaurants and suppliers

Web Designer & Developer
BMO Investorline (Jan 2013 – Apr 2013)
• Wireframed and implemented emails and onboarding for flagship products

Graphic Designer & Web Developer
Infoskill Intelligent Solutions (Jan 2012 – Apr 2012)
• Revamped corporate logo, brochures and Wordpress website

PROJECTS

Upscale Markets
• Devised online grocery system design, architecture and use cases
• Created prototype with HTML/CSS/Angular Material

Fast Cards
• Analyzed user requirements and planned UX roadmap for mobile flashcard app
• Designed MVC architecture and Android app store logo

Simple Server
• Created Python fileserver with UDP and TCP sockets for client-server comms
• Added multithreaded capability and port negotiation for extra credit

SKILLS

Designer
Photoshop . Illustrator
InDesign

Prototyping . Wireframing
Sketching

Engineer
Javascript . Angular
jQuery . HTML5 . CSS3
LESS . SCSS . AJAX

Git . C++ . Java . Qt . bash
Android . Python . Unity

ONLINE

🌐 mzqtsui.github.io
Ⓜ medium.com/@matt.tsui
t mattztsui.tumblr.com
github.com/mzqtsui
codepen.io/mzqtsui