# MATTHEW TSUI

mzqtsui.github.io // matthew.zq.tsui@gmail.com // +1.437.888.3902

## 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 (May 2012 – Aug 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
- mattztsui.tumblr.com
- github.com/mzqtsui
- codepen.io/mzqtsui