

# MATTHEW TSUI

Developer . Designer . Climber . Gamer

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## STUDY

### B. COMPUTERSCIENCE

Software Engineering  
University of Waterloo, 2016<sub>Exp</sub>

### B. BUSINESSADMINISTRATION

Marketing  
Wilfrid Laurier University, 2016<sub>Exp</sub>

## WORK

### PALETTEGEAR

Software Developer, Sep 2015 - Dec 2015

- Designed and implemented website revamp for modern design and analytics
- Iterated on UI/UX designs based on customer feedback of first version PaletteApp, and updated icons for better consistency within app
- Shipped PaletteApp 2, a Windows/Mac app, focusing on integration with Adobe software, and code architecture

### IMAGINECOMMUNICATIONS

Application Developer, Jan 2015 - Apr 2015

- Took lead in UI development for a web-based proof-of-concept control panel displayed at the 2015 North American Broadcast Show
- Performed algorithmic and structural refactoring to increase front-end performance on a next-generation automation playout system with Angular and Typescript

### CHRISTIEDIGITAL

Digital Media Support, Jan 2014 - Apr 2014

- Enhanced UI design and functionality of utility for Communitech's HIVE projection setup with intuitive visual cues and relevant data display in Java
- Developed a capture-the-flag mode with 10 new game mechanics in Unity3D for a multiplayer game mapped on three projectors
- Updated smartphone browser controls for the game to accommodate new game mechanics and projection mapping onto new tetrahedral model

## PROJECT

### FASTCARDS

Android App  
Flash Cards

### FOODSPOKES

Website Prototype  
Connect Suppliers & Restaurants

### NEKOGAME

(working title)  
2D Ninja Cat Platformer

## SKILL

**WEB** . angular . jquery . ajax . node . typescript . javascript . html . css . less . scss  
**DEV** . git . c++ . java . qt . bash . android . c . lua . scheme  
**APP** . sublime text . illustrator . photoshop . unity3d

## PLAY

**VISUALART** . drawing . digital painting . graphic design

**VIDEOGAMES** . bastion . witcher . antichamber . zelda . portal . wow

**HEALTH&FITNESS** . bouldering . calisthenics

**LANGUAGE** . english . french . cantonese . mandarin<sub>WIP</sub> . japanese<sub>WIP</sub>