# TIM HE

# Systems Design Engineering

## Experience

# **Full Stack Web Developer**

Imagine Communications | Jan 2019 - Apr 2019

Developed user interfaces, new features, and bug fixes for the Versio Automation web app using Angular/TypeScript and HTML/CSS

Worked closely with designers, developers and PMs in an Agile environment to deliver solutions to broadcasters such as ESPN and ABC

# **Camp Director**

Hamilton CAC | Apr 2018 - Aug 2018

Organized and communicated with team of 30+ volunteers to host week-long summer camp for 70+ attendees

Developed event brand identity by designing logo used on T-shirts and other merchandise

# **Notable Projects**

## literatura

Jun 2018 - Jan 2019

Built a mobile application to promote the discovery and facilitate the study of classical literature through the implementation of Open Library API and a custom API

Redesigned the application from conducting user research through one-on-one interviews, and creating wireframes and prototypes using Figma and Marvel

## FlexFinder

DeltaHacks V | Jan 2019

Designed a mobile application to provide students with a platform to discover potential work-out buddies

Generated wireframes, mock-ups and prototypes and worked with developers to implement the final designs

## **Final Fantanosy VI**

Nov 2017 - Jan 2018

Designed and developed the front end of an "album collect-a-thon" game in JavaFX, and created 8-bit character sprites in Illustrator

#### timvhe.com

github.com/timyhe tyhe@uwaterloo.ca

#### Skills

# **Development**

Angular React Java JavaScript/TypeScript HTML/CSS C++ Python

# Design

User research Usability testing Human-centered design Prototyping

### **Tools**

Git Android Firebase Heroku Figma InVision Illustrator Marvel

# Education

## **University of Waterloo**

Candidate for B.Asc in Systems Design Engineering (Sep 2018 - Apr 2023)

## **Relevant Courses:**

Human Factors in Design, Intro to Design, Digital Systems, Intro to Programming (C++)

## **Interests**

Jazz trombone, competitive trivia, reading, public transit