TIM HE

Systems Design Engineering

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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

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