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, ABC, (insert more) and Fox News

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

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

literatura

Mobile Design | 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

Skills

Development

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

Design

User research, usability testing, human-centered design, prototyping

Tools

Android Studio, Git, 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, Android theming, public transit