Tim He

Engineering student and designer

timyhe.com
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Education

University of Waterloo

Class of 2023
B.Asc in Systems Design Engineering

Skills

Design

Figma, Sketch, InVision,
Illustrator, Whimsical

Development

HTML/CSS, JavaScript + React,
TypeScript + Angular, Python, Git

Interests

Competitive trivia, Charles Mingus
albums, public transit

Experience

PlanGrid (Autodesk) — Product Design Intern

Fall 2019 | San Francisco, CA

Designed experiences for Progress Tracking, a new tool focused on monitoring productivity rates and reducing inefficiencies on the construction site. Contributed to Alloy, PlanGrid's new design system by auditing existing and creating new core UI components.

Waterloop Hyperloop Team — Web Designer

Summer 2019 | Waterloo, ON

Spearheaded redesign of team marketing website to enhance recruitment and attract sponsors. Interviewed key stakeholders across various Waterloop subteams in order to ensure launch success.

Imagine Comms. — Full Stack Developer Intern

Winter 2019 | Waterloo, ON

Developed user interfaces, features, and bug fixes for a cloud-based TV playout web app using Angular. Worked alongside designer to understand ESPN operator needs, provided and implemented design recommendations based on insights.

Projects

literatura

Winter 2018

Built and designed a mobile app to promote the discovery of classical works of literature, implementing Open Library API and a custom API. Redesigned the application by conducting user interviews, creating wireframes, and establishing a style guide.

Scalar Wallet

Summer 2019

Designed a mobile app to simplify the process of sending and receiving the cryptocurrency Grin coin, as well as the corresponding marketing website.