

# Tim He

Engineering Student and Designer

timyhe.com

tyhe@uwaterloo.ca

## Skills

### Design

Interaction Design, Visual Design, Wireframing, Prototyping, User Research, Usability Testing, Copywriting, Facilitation

### Tools

Figma, Sketch, InVision, Illustrator, Whimsical, Git

### Development

HTML/CSS, JavaScript/TypeScript, React, Angular

## Education

### University of Waterloo

Class of 2023

B.ASc in Systems Design Engineering

### Relevant Coursework:

Human Factors in Design, Intro to Design, Digital Systems, Data Structures and Algorithms

## 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.

Created core UI components and audited existing ones for Alloy, PlanGrid's new design system.

### Waterloop Hyperloop Team — Web Designer

Summer 2019 | Waterloo, ON

Spearheaded redesign of team marketing website in order to enhance recruitment and attract sponsors.

Conducted interviews with key stakeholders across various Waterloop subteams to inform site information architecture and content strategy.

### Imagine Comms. — Full Stack Developer Intern

Winter 2019 | Waterloo, ON

Developed user interfaces, features, and bug fixes for a cloud-based TV payout web app using Angular.

Worked alongside designer to understand broadcast 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 app 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.