

# 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,  
jQuery, C++, 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.

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 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 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.