

# Titus Smith

tituscsmith.com

**New-Grad Developer. Full-Stack Experience. User-Centric-Design. Team Player.**

## EDUCATION

### University of Wisconsin-Madison | USA

B.A. Computer Science, Music | May 2021 | 3.85 / 4.0 GPA | Phi Beta Kappa Honors | Dean's List

## RESEARCH

### People and Robots Laboratory | University of Wisconsin-Madison

**Undergraduate Research Assistant** | Jan 2021 - | Advisor: Emmanuel Senft, Research Associate

- ❖ Researching as part of a NASA ULI project to develop new methods in collaborative robots for aircraft manufacturing. My part of the project specifically focuses on riveting processes, seeking to both decrease ergonomic hardships on aircraft workers and improve job performance.
- ❖ Designing and implementing a GUI with React that facilitates the authoring of high-level robot behaviors. The interface enables users to design trigger-behaviour programs for immediate and state-based tasks like kitting, assembling, and sorting.

## RECENT DEVELOPMENT INITIATIVES

**WearMe** | Feb 2021 - Present | Team Project

- ❖ Contributing part-time as a Full-Stack Developer for a Startup working at the centre of Fashion, Virality, and Commerce. Communicating directly with the CEO to realize the Alpha Prototype. Currently working with the MERN Stack as the lead developer.

**Ripple** | Feb - April 2021 | Team Project

- ❖ Collaboratively developing the Front-End with React Native of a mobile app, Ripple. Ripple will be a reporting app to spread and bring awareness to discrimination, harrasment, and more. Collaborating with a six-person team on the MERN stack for the final deliverable of a software engineering course.

**Mumbler** Social Media App | Winter 2021 | Solo Project

- ❖ Individually developed a Twitter-like web app with React, Redux and Firebase. Users can post, view, save, comment on, and react to posts. Additionally, the app supports comment notifications, profile pictures, swear word filtering, and more. Makes use of Firestore, Auth, and Functions. Personal Project.

## LANGUAGES AND TECHNOLOGIES

**Proficient:** JavaScript • React (Redux) (Native) • C • HTML • MongoDB • Bootstrap

**Project Experience:** Dialogflow • Java • Node.js • Swift • AdobeXD • Materialize • SQL • GraphQL • MySQL

## NON-TECHNICAL WORK EXPERIENCE

**Camp Iawah** | Godfrey, Ontario

**CREW Leader** | SUMMER 2019

- ❖ Facilitated community-building, activities and shifts in three-week high school leadership programs
- ❖ Provided one-on-one mentorship to 11 males in the programs

**Co-Head of Ski & Board** | SUMMER 2018

- ❖ Provided initial & ongoing training to 16 staff, including towboat driving and curriculum instruction
- ❖ Supervised Ski & Board participants to facilitate a safe, fun and challenging environment
- ❖ Delivered boat maintenance, weekly cleanings, oil changes, fuelings and upkeep of the activity area