# Tristan W. Heilman

6304 Desmond St, Cincinnati, Ohio, 45227 | 513-315-4800 | tristanheilman@outlook.com | tristanheilman.com

# **Experience**

# Founder/Owner | Scoopt | November 2020 - Present

- Oversaw and contributed to the design phase of the application, creating multiple iterations of mockups and prototypes using Adobe XD
- · Utilized React Navigation and Redux to organize routes and data seamlessly across multiple components
- Developed highly responsive user interface components for all views within the React Native application
- · Implemented various serverless functions that complemented the React Native application
- Designed the NoSQL database structure and developed the backend functions to add, update, delete, and search through multiple collections of data
- · Managed a beta testing campaign with over 50 users involved; later released and deployed updates on the iOS App Store

## Freelance Work | September 2021 - Present

- · Designed and developed an art gallery website per requirements using React, Redux, and Webpack
- · Utilized Webpack and React Suspense to lazy-load multiple bundles, dramatically improving performance and reducing the overall bundle size by more than 30% for an art gallery website
- · Conducted weekly meetings with clients to confirm the direction of the application and gain feedback regarding work that has been done

#### Software Developer Co-op CIMx Software | January 2019 - June 2020

- · Customized existing front-end code using the YUI (Yahoo User Interface) library, developing improved views for the Planning and Production tabs of Quantum
- · Improved major frontend component functionality by shifting from old YUI DataTable library to Tabulator, allowing for further customization and utility gained
- · Used Selenium and Jest to improve automated testing/integration testing coverage and decrease time required for regression testing

#### **Technical Skills**

JavaScript · NodeJS · React/React Native · Redux · Firebase · CSS/HTML · SQL/NoSQL · Java · Python · Git · Jenkins

#### **Education**

# The University of Cincinnati | Cincinnati, Ohio | August 2016 - May 2021

- · College of Engineering & Applied Science | Bachelor of Science | Computer Science
- GPA: 3.321

#### Wyoming High School | Wyoming, Ohio | August 2012 - June 2016

· GPA: 3.8

### **Extracurricular Activities**

# **Memberships & Volunteer Experience**

- · Alpha Sigma Phi, Beta Sigma | May 2017 Present
  - o Vice President of Communications | December 2018 November 2019
    - Composed email templates in HTML/CSS and revamped the way information is provided
    - Monitored and promoted social media accounts
  - o Scholarship Director | November 2017 December 2018
    - Provided guidance and support to all brothers to improve GPAs through developing S.M.A.R.T goals every month and providing outreach on a frequent basis

- Introduced bylaw changes to Chapter Constitution to hold brothers more accountable and developed/implemented incentivizing programs for all members of the chapter
- Collaborated with Executive Board members to reach solutions to everyday fraternity matters
- · Bearcat Coders | August 2017 December 2018
  - o Answered high school student's questions on coding projects written in HTML, Python, and Java
  - o Assisted the teacher in personal/educational projects for other classes

#### **Volunteer Experience**

- · Presbyterian Church of Wyoming | August 2012 April 2016
  - o Traveled to Jamaica, West Virginia, and South Dakota to repair old homes, build drug and alcohol abuse centers, and bring support in any way to the communities in need
- · Other Organizations | May 2017 Present
  - o Community Matters (Lower Price Hill), Buddy Walk Cincinnati, Relay for Life Team Captain, Mathew25 projects, Down Syndrome Association of Greater Cincinnati 5k