

Education

Fairfax, VA

George Mason University

Sep 2021 – May 2025

- BS in Computer Science. GPA: 3.0

Work Experience

Software Engineering Intern

BlackHorse Solutions

May 2022 – Aug 2022

Herndon, VA

- Created a web application that creates form elements to be used in creating workflow forms.
- Used open-source Java project called Flowable, creating JSON files with specific form requirements that would be sent to ReactJS via REST API.
- Used ReactJS to dynamically change the form elements on the web application using JSON data.
- Worked on a team of five using Agile and Scrum.

Projects

SimpliSplit [In-Progress] - <https://github.com/kmsungporant/SimpliSplit/>

React Native, Native Wind, Python, Tesseract OCR, JSON, JavaScript, Firebase, Venmo API, Azure

- Developed a mobile application that enables users to effortlessly OCR scan receipts, itemize, split, and send Venmo payment requests via SMS.
- Incorporated Venmo's API for sending payment requests via SMS.
- Used Python, Azure, and Tesseract OCR Engine as a backend to process images to data.
- Used React Native and Native Wind as a front-end for an intuitive and visually appealing UI/UX.
- Planning to deploy this application on the App Store soon.

Food Swipe (VT Hack X) - https://github.com/kmsungporant/food_swipe/

Flutter, Dart, Google Places API

- Developed a Tinder-like application that allows users to swipe through local restaurants.
- Utilized the user's location using Google Places API to collect local restaurants.
- Used Flutter as a front-end for UI/UX to allow users to swipe right if they want more information.

Personal Portfolio Website - <https://github.com/kmsungporant/kmsungporant.github.io/>

Next.js, React.js, JavaScript, TypeScript, Tailwind CSS, HTML, CSS, GitHub Actions.

- Developed a fully functional personal portfolio website using Next.js, React.js and Tailwind CSS.
- Used GitHub Actions to automatically build and deploy (CI/CD) the most up-to date webpage.
- Created on GitHub Pages, hosted and managed on Google Domains @ MinsungK.com.

Skills

- **Proficient:** Python, Java, React.js, Next.js, React Native, Native Wind, JavaScript, Tailwind CSS, HTML/CSS, JSON, Git
- **Experienced:** C/C++, Dart, Bootstrap, Docker, GitHub Actions, Linux, Flutter, Tesseract OCR, Venmo API, Firebase, Azure