Christopher Yung

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EDUCATION

Purdue University   West Lafayette, Indiana | **Graduating May 2023**

BS in Computer Science with a concentration in Software Engineering
Minor in Entrepreneurship and Innovation
Relevant coursework: Discrete Mathematics, Data Structures and Algorithms, Analysis of Algorithms, Data Mining and Machine Learning, Software Engineering I & II, Human Computer Interaction, Operating Systems

SKILLS

TypeScript, JavaScript, Python, C, C++, Java, HTML, CSS, Node.js, React, Bootstrap, REST APIs, Figma

PROFESSIONAL EXPERIENCE

Socotra, Frontend Engineering Intern   *San Francisco, CA* | **June 2022 - August 2022**

Programmer on the frontend team at Socotra, a Series C insurtech core platform startup

- Designed custom scalable components for use in current & future development using material UI concepts
- Improved central user flow for 30+ insurance companies through UI and HCI improvements on core platform
- Implemented unit tests for 10+ features using simulated sample data and the Jest testing framework
- Completely redesigned Socotra Administration Portal UI/UX, architecture, and technical functionality

8VC, 8VC Fellow   *San Francisco, CA* | **February 2022 - August 2022**

Connected and worked with high profile founders and leaders in industries such as Web3, Fintech, and ML

- Built a community of like-minded, talented, and accomplished fellows working at other 8VC startups

FORCES (Purdue University), Junior Research Fellow   *West Lafayette, IN* | **May 2021 - August 2021**

Programmer on 73 Easting web application with FORCES, a Purdue University research program, to collaborate with Purdue University's Dean of Liberal Arts and an Army Captain to conduct military research

- Provided visual aid on the research of the Battle of 73 Easting developing a web application with React and Node.js with a Bootstrap-React framework which was hosted on Github Pages
- Used SheetJS framework to parse a database aggregated from 20+ military and historical sources
- Constructed a visualization of war movements using Leaflet to animate troops over an interactive map using their positional data stored in the database

PROJECTS

Spotistics, https://yung4.github.io/spotistics/   **July 2020 - Present**

Programmer building a client-side React web application that analyzes a user's Spotify listening habits

- Requests OAuth access token from Spotify API via implicit grant flow for authorization to use Spotify's data
- Queries the Spotify API using AJAX and aggregates the returned JSON data for analysis
- Utilizes the ChartJS library to animate graphs to display user's playlists statistics visually
- React application written in JavaScript using the Bootstrap-React framework and deployed via Github Pages

Personal Website, https://yung4.github.io   **July 2022 - Present**

- Redesigned previous digital portfolio with HTML, SCSS, and JavaScript with Bootstrap styling

Sustainably Dressed, https://github.com/Dan-Yell-Nuwin/ShirtsForLess   **January 2020**

- Wrote a BeautifulSoup web scraper that uses Tensorflow and collects listings for second hand clothing