

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

SKILLS

TypeScript, JavaScript, Python, C, C++, Java, HTML, CSS, SCSS, Node.js, React, Bootstrap, Django, Figma

EXPERIENCE

Socotra, Frontend Engineering Intern

San Francisco, CA | **June 2022 - August 2022**

- Designed custom scalable components for use in current & future development using material UI concepts
- Improved central user flow for 30+ insurance companies by redesigning core elements of Socotra platform, such as consolidating buttons into dropdowns, tweaking UI elements throughout application, and fixing bugs
- Implemented functional and regression unit tests using Jest framework and mock data to ensure robustness
- Rebuilt Socotra Administration Portal to bring all customers using old codebase onto new platform
- Redesigned Admin Portal to be more user friendly by consolidating login portals to facilitate administration access, updating navigation with new side and navigation bars, allowing users able to easily switch tenants

FORCES, Junior Research Fellow

West Lafayette, IN | **May 2021 - August 2021**

- Collaborated with Purdue University's Dean of Liberal Arts and an Army Captain to conduct military research
- Used SheetJS framework to parse a 1500+ line database aggregated from 20+ historical/military sources
- Constructed a visualization of war movements using Leaflet to animate troops over an interactive map
- Functionality will be extended for use in further research into different military battles with different datasets

PROJECTS

Personal Website, <https://yung4.github.io>

July 2022 - Present

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

Purple, <https://github.com/ldavid19/Purple>

July 2020

- A reddit-like forum for Purdue students built with a React frontend and Django backend hosted on Heroku
- Designed UI, built out most of frontend components, and wrote API calls to and from Django database

Spotistics, <https://yung4.github.io/spotistics/>

July 2020

- A client-sided React web application written in Javascript 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 visually display statistics of user's playlists
- Accessed monthly/bimonthly on average by users to check their top songs and artists of the month

Sustainably Dressed, <https://github.com/Dan-Yell-Nuwin/ShirtsForLess>

January 2020

- Wrote a BeautifulSoup web scraper that centralizes and collects online listings for second hand clothing
- Uses the Tensorflow library to train an AI to identify clothing to search our collection of listings