Location: Bloomington, IN USA
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PROFESSIONAL EXPERIENCE

EXCLAIMER | SOFTWARE ENGINEER
Bloomington, IN | January 2022 - November 2022
- Worked on porting legacy AngularJS codebase to **Angular 13** from scratch, implementing state management with **NGXS** and unit tests with **Jest**.
- Built new features and fixed bugs for the Exclaimer appointments dashboard and booking site, using **AngularJS**, **CoffeeScript**, and **Redux**. Wrote automated E2E tests using **Cypress**.

GENERAL ASSEMBLY | SOFTWARE IMMERSIVE FELLOW
Remote | July 2021 - October 2021
- Completed a 400 hour + software immersive program, producing web applications using **React**, **Node**, **Express**, and **Mongo DB**

INDIANA UNIVERSITY | UNDERGRADUATE RESEARCHER
Bloomington, IN | February 2019 - August 2019, July 2020 - June 2021
- Worked as a part of Dr. Michael Snow's low energy Neutron experiment.
- Programmed an instrument driver for a cryogen level monitor using **LabWindows/CVI** and **C**.
- Helped build a magnetic field mapper using **Python** serial communication

ONGOING PERSONAL PROJECTS

Kanji Quiz App
- A kanji quiz app for users to test their kanji knowledge
- **React** frontend using **Typescript**, **Redux** for state management, **Tailwind css**, and **Mantine UI**; **Node** backend API with a **MongoDB** database

Blog App (**new rewrite**)
- A personal blog app I made for me to post and edit my own blogs. Currently working on a rewrite version that is type safe, and allows multiple users to create their own blog pages.
- **React** frontend using **Tailwind css** and **Mantine UI**; **Firebase** backend

SKILLS

Frameworks: Angular 13, React, Cypress, AngularJS, Next JS, Node

Tools/Libraries: NGXS, Redux/React-redux, Angular Material, Git, Jira, Azure DevOps

Programming Languages: Javascript/Typescript, Coffeescript, Go, Python

Languages: English (native fluency), Japanese (native fluency), French (Intermediate)

EDUCATION

INDIANA UNIVERSITY | B.S. PHYSICS
Bloomington, IN | August 2017 - May 2021
GPA: 3.795