Yasin Traiba

Email: yasintraiba@gmail.com

Cell: (857) 253-1433

Website: yasintraiba.com

Github: github.com/ytraiba

Linkedin: linkedin.com/in/yasin-traiba-1a103822a/

TECHNICAL SKILLS:
- Languages: Javascript, Python, Matlab
- Web Technologies: React JS, HTML, CSS, Tailwind CSS
- Other Tools: Excel, Git/Github, ArcGIS

WORK EXPERIENCE:

Infrasense Consulting   *Staff Engineer*   May '22 – Current

- Constructed an interactive map in React JS to display Infrasense's data on hundreds of past projects. Used python to organize data from a large Excel file and implemented this data into each state's pop-up.
- Automated the download of PDFs for new project solicitations from over 20 government websites using Playwright. Created a PDF searching script, with a front-end using PySimpleGUI, that updates the user's email with the PDFs that contain specified keywords.
- Maintained and updated WordPress website. Setup up a local version of the company's site to test software updates, content updates, and changes to CSS. Also implemented a caching plugin to speed up the website by serving more of the website as static HTML/CSS/JS/
- Conducted infrared analysis of roadways and bridges using proprietary image transformation software written in Matlab in order to find deficiencies.

PES Associates Inc.   *Engineering Intern*   May '21 – December '21
- Conducted cost analysis with MS Excel to determine short-term and long-term deficiencies which assisted lease renewals, capital planning, and leaseback portfolios.
- Wrote various engineering reports, and communicated with subcontracted building inspectors across the US.
- Trained a new intern to conduct municipal research and estimation for engineering reports.

PERSONAL PROJECTS:
- Built a search engine using React js and Tailwind CSS that uses an Edmame API to generate ingredient lists based on any keyword.
- Built a Portfolio website to display my projects and let the world know a little about myself. Implemented animations for my website using existing React libraries and scripted CSS.
- Created a static business and a podcast website using React js and Tailwind CSS for a client. Developed the site based on their specifications.

EDUCATION:
- University of Massachusetts, Amherst – B.S. in College of Engineering 2019-2023
- Grade Point Average: 3.6

RELEVANT COURSEWORK:
- Matlab Programming, Programming with Python, Ordinary Differential Equations, Probability and Statistics, Multi-Variable Calculus, Structural Analysis, Calculus I & II, Physics I & II.

VOLUNTEER EXPERIENCE
- Al-Huda Mosque and Islamic School Chelsea, MA
  - Help with the setup and organization of religious events and fundraising dinners.
- Special Needs Athletic Program (SNAP)
  - SNAP (Special Needs Athletic Program) partners with Hingham High Rowing and as a volunteer, I help special needs members learn how to erg and row.