BASSAM EL-NAGGAR

Software Engineer

My Personal Website:
https://bassam.netlify.com

EDUCATION

Computer Engineering (B.A.Sc) ID: 20963633

University of Waterloo

2021 - Present (Level 2A)

CONTACT

basmaym148@gmail.com

519-501-9140

TECHNICAL SKILLS

JS JavaScript (Vue.js, React.js, React Native.js, Node.js, Socket.io, Jest.js)

Python (Django, OpenCV, Pandas, BeautifulSoup)

C++ (OpenCV)

C# (WPF)

PHP (Laravel)

HTML/CSS

Git

VHDL

RELEVANT EXPERIENCE

Software Developer

GrantMatch   Sept 2022 - Dec 2022

Term Evaluation: Outstanding

- Designed several API's, including the grant assessment API, which is used by thousands daily (Django, Django REST Framework)
- Designed multiple frontend pages of the UI, which are used by all internal and external users daily (Django, Vue.js)
- Wrote and deployed multiple web scrapers which greatly improved efficiency of the Data team (Python, BeautifulSoup)
- Migrated data from previous database to new PostgreSQL database (Python, Pandas, PostgreSQL)
- Wrote several unit tests, increasing code coverage by over 20% (JavaScript, Jest.js)
- Automated several background tasks, greatly reducing workload of the Data team (Django, Celery)

Full Stack Web/Mobile Developer

PEXhouse.com   Jan 2022 - Apr 2022

Term Evalutation: Excellent

- Developed several pages of the UI of LetsGo Dining application (React.js)
- Implemented LetsGo subscription using Stripe API (Node.js)
- Used Yelp API to implement background logic of application (Node.js, Socket.io)
- Assisted in deployment of LetsGo Dining (Expo)
- Developed and maintained ecommerce website (HTML, CSS, JavaScript, PHP)

SIDE PROJECTS

Below is a list of my most notable side projects. For a complete list, please visit my personal website. https://bassam.netlify.app

- Flash Cards: A web application that allows users to create, save, and share card decks with friends. It also has a feature that allows users to test themselves on the deck's content (JavaScript, Vue.js, HTML, CSS)
- Notes: A web application that allows users to create and save notes; similar to Samsung Notes (JavaScript, React.js, HTML, CSS)
- Wallpaper Changer: An application that automatically changes your wallpaper given a query (Python)
- Tic-Tac-Toe: A tic-tac-toe game made using C++