

# 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



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519-501-9140

## TECHNICAL SKILLS



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 Evaluation: 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++