

KAREEM EL ASSAD

SOFTWARE DEVELOPER



EDUCATION

- 09/2018
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Current
- **Bachelor of Engineering, Computer Systems Engineering, Co-op Option**
Carleton University, Expected Graduation April 2023 📍 Ottawa, Canada
Available for 4 months beginning April 2020.



PROJECTS

- 12/2019
- **Empower - Hack Western 2019** | Python Flask, Azure, CSS, HTML, MongoDB
Group Leader, git.io/JeyJL
 - Created a **full-stack web application** that allowed users to post ongoing and upcoming protests to the platform where the information would be stored on a **database**.
 - That data was placed as a pin on a dynamic map using **Google Maps API**. It allowed users to quickly find and identify rallies taking place in their area.
- 07/2019
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10/2019
- **DAISY - Tinder for Cats** | Bootstrap Library, HTML, CSS
Personal Project, git.io/JeaiN
 - Created the landing page of a fictional dating app for cat owners to help their pets find soulmates.
 - The website replicated the **user-friendly design** of the popular mobile app Tinder as well as it's simplistic colours.
- 02/2019
- **Assignment Sorter - cuHacking 2019** | Python, Tkinter Library
Group Leader, git.io/JeaiB
 - Created an Assignment Sorter that was capable of taking in various files and keywords from the user and then organizing them in different folders at a given directory.
 - The program prompted the user with a **Graphical User Interface (GUI)** which allowed them to input several keywords. Those keywords are then used to **parse and sort** a set of files assigned by the user.
- 05/2019
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06/2019
- **Smart Mirror** | JavaScript, CSS, Shell, Raspberry-Pi
Group Leader, git.io/JeaiA
 - Created a Smart Mirror that used **real-time API's** to display information including the weather, a friendly remark, the time, and a personal calendar.
 - The monitor was covered in a one-way mirror film which gave the a mirror-like effect while still allowing the user to read the information displayed.



WORK EXPERIENCE

- 09/2019
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present
- **Technical Inspector**
Measurement Canada 📍 Ottawa, Canada
 - Examined the electrical lab with the Lab Manager to ensure that it met safety standards.
 - Identified workplace hazards in the Voltage Transformer Test Unit and worked alongside the engineers to find a practical yet effective solution.
 - Researched Canadian Standard Work and Health Safety regulations to ensure the database was up to date.
- 06/2017
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09/2018
- **Sales Associate**
American Eagle Outfitters 📍 Ottawa, Canada
 - Worked in a high-intensity team-based retail environment where I gained valuable work experience as a sales associate and became an active team member in the workplace.



VOLUNTEERING

- 05/2019
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present
- **Web Developer**
IEEE, Ottawa Section Branch; tinyurl.com/m75sgzv 📍 (remote)
 - Maintained the Ottawa IEEE Lunch and Learn website, including content updates, account administration, debugging, feature enhancements, documentation, testing, deployment, and regular updates to the system and user usability.
 - Deployed the website using FileZilla, a cross-platform file transfer protocol (FTP) application which allowed for file manipulation operations.
- 06/2019
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present
- **External Director**
IEEE, Carleton Student Branch 📍 Ottawa, Canada
 - Organized and Lead a GitHub workshop that taught beginners about the Git workflow, necessary commands, and how companies use Git to maximize efficiency.
 - Composed multiple emails to multiple technology-based companies in the Ottawa area inquiring about possible to collaborate on workshops and industry tours.
- 08/2019
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present
- **Logistics Lead**
IEEE SPAC, Student Professional Awareness Conference 📍 Ottawa, Canada
 - Coordinated a joint-university networking dinner with professionals in the engineering domain.
 - The responsibilities included locating the venue, planning the itinerary, seeking out patron accommodation, and managing a group of volunteers.

CONTACT INFO

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📞 (613) 807-0656

PORTFOLIO

🌐 kareemlassad.me
🐙 github.com/kareemassad

SKILLS

Programming

JavaScript, Node.js, Express, C, C++, Java, HTML, CSS, Python, Shell, Linux

Development

Data Structures, Algorithms, Agile, Git, Embedded Systems, Android, Databases, Automated Testing

INTERESTS

📺 Machine Learning
📊 Big Data
✈ Traveling
☕ Tea
🎯 Archery

*This résumé was wholly typeset with
HTML/CSS — see git.io/JeaXc*