Rameez Saiyid

Canadian Citizen

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Education

Carnegie Mellon University   *Class of 2021*

B.S. IN COMPUTER SCIENCE | INTENT TO MINOR IN COMPUTATIONAL FINANCE

Work Experience

Meddy   *Doha, QA*

SOFTWARE ENGINEERING INTERN   *May 2018 - August 2018*

- Worked heavily on streamlining and updating frontend for backend data flow of the website.
- Overwrote and adapted libraries from Bootstrap for fewer dependencies and increased performance.
- Adapted web app for different locales (GCC Countries), languages (English, Arabic), and mobile.

Carnegie Mellon University   *Pittsburgh. PA*

PROJECT INTERN   *June 2016 - June 2017*

- Developed a web app and embedded system to catch and prevent high school students from breaking curfew.
- Worked with implementing upcoming new libraries to connect the different technologies.
- Worked under supervision of CMU Software Engineer, Meg Richards.

Skills

Languages, Java, Python, C, Assembly, JavaScript, HTML/CSS
Electrical, Soldering, Circuit Development
Design, Adobe Photoshop, Adobe Illustrator, Adobe After Effects, Adobe Premiere
Web, Django, AngularJS, ReactJS

Projects

iGEM Bio-Tech Research Project   *Private*

EMBEDDED SYSTEMS, 3D PRINTING & MODELLING

- iGEM - CMUQ is a research group of students developing a solution for identifying affordable methods of sickle cell anemia detection. As lead hardware developer, I designed and built the sensor module that takes in a DNA sample and uses fluorescent measurement to determine the likelihood of the disease.

Tattle   *rameezs.com/blog/projects*

RASPBERRY PI, PARTICLE PHOTON, JAVASCRIPT

- Alarm system for Carnegie Mellon Pittsburgh that detects underage students breaking curfew. A system of nodes, that consists of a magnetic door sensor and Particle Photons, connected to a Raspberry Pi web server that alerts guardians of a door opening past curfew via Web and SMS.

Leddit   *github.com/rameez-s/leddit*

HTML/CSS, DJANGO, OAUTH 2

- A Django web app for users to login via LinkedIn Authentication, and thus automatically provide the site with their LinkedIn details. By which the site lists every user's details in cards publicly for other user's to vote and visit.

Wrist Mounted Flamethrower   *youtu.be/7vYizf5Cbpc*

BUTANE CHAMBER, SPARK CIRCUIT, 3D PRINTER

- Wrist mounted flamethrower with a strapped butane chamber and 3D printed plates to release gas with respect to a user's wrist movements. The gas is sparked by releasing an amplified charge.

Extracurriculars

The Planetary Society

PRESIDENT   *January 2018 - Present*

- Organize events such as guest lectures and stargazing trips to enrich the community with love for astronomical science. Responsible for an annual budget and recruiting.

Music Club

EXECUTIVE MEMBER AND HOST   *January 2018 - Present*

- Responsible for the club's annual budget for instrument maintenance, lessons, as well as organizing and hosting events attended by 300 students.