

Abdullah Ridwan

COMPUTER SCIENCE · SOFTWARE ENGINEER

☎ (+1) 646-492-0401 | ✉ aar233@cornell.edu | 🏠 abduallahridwan.codes | 📱 abduallahridwan | 🌐 abduallahridwan

Education

Cornell University, College of Engineering

Greater New York State, New York

B.S IN COMPUTER SCIENCE

Expected: May 2022

- Meinig Scholar, a branch of The Cornell Commitment
- Joan and Irwin Jacobs Scholar from The College of Engineering

Experience

Computational Connectomics Laboratory

Weill Cornell Medicine

UNDERGRADUATE RESEARCHER

May 2020 - Present

- Using Machine Learning to create Convolutional Neural Networks for 3D images.
- Using Pandas and Numpy to analyze white matter lesions in patients.
- Created multiple sample Covolutional Neural Networks on 2D images such as handwritten numbers.

Cornell DEBUT Project Team

Ithaca, New York

LOGISTICS COORDINATOR

September 2018 - Present

- Help organize team assignments and project timeline.
- Help create the device for the DEBUT - VentureWell Competition.
- Converse with healthcare personnel to determine viable solutions and issues with the devices made by the team.

ACSU

New York, New York

E-BOARD MEMBER

Aug. 2019

- Created multiple mentorship events to help undergraduate students learn more about the tech industry.
- Created events that help students navigate through their classes and schedules.
- Help plan educational events to learn more about Computer Science.

Capital One Software Engineering Summit

New York, New York

ATTENDEE

January

- Chosen from over 300 applicants to attend the Summit, at headquarters in McLean, Virginia.
- Learned Web,iOS, and Android Development from top Engineers.
- Team was praised for full stack hackathon project, MaxBack, which sought to maximize user's credit card benefits.

College Peer

New York, New York

CO-FOUNDER

Sep. 2018 - Present

- Brought together students from schools such as NYU, Columbia, and Babson, to help high schools in New York City.
- Primary service is to suggest edits to college essays and resumes for current high school seniors.
- Other Services include providing mentorship and advice for students going through the College Process.

Personal Projects

MaxBack

HACKATHON

- Full Stack Web App that tells users which of their current credit cards to use to maximize benefits based on location and suggests future cards based on transaction patterns.
- Received praise from top engineers and managers for a unique way of helping consumers.

Covid-Visualizer

PERSONAL

- Displaying data on number of recovered and confirmed cases of coronavirus from selected country and their respective provinces using a live Covid19 api.
- Data presented via GraphJS

Skills

Back-end Java, Python, ExpressJS, NodeJS, SQL, Npm

Front-end HTML, CSS, JavaScript ES6, Bootstrap, React, Sass

Other Swift, Tensorflow 2.0, Numpy, Pandas