

# Abbas Ahmed

[abbaszahmed@gmail.com](mailto:abbaszahmed@gmail.com) | +1(412)294-2413 | Pittsburgh, PA, USA

## EDUCATION

University of Pittsburgh  
B.S. Computer Science  
Minor in Economics  
April 2020  
Dean's List

## LINKS

LinkedIn:// [abbaszahmed](#)  
GitHub:// [abbasahmed](#)  
Website:// [abbasahmed.me](#)

## SKILLS

### Languages

Proficient with Python, Java,  
JavaScript, C, HTML/CSS, SQL  
Familiar with MATLAB, Cypher,  
Ruby, R

### Frameworks

Proficient with Vue, Vuex, D3.js,  
Express, Node, AJAX, Elasticsearch,  
NumPy, Flask, MySQL  
Familiar with React, Pandas,  
PyTorch, Postgres, Redis, Neo4j,  
Sinatra, Docker

### Design

Photoshop, Illustrator, After Effects

## COURSEWORK

### Computer Science

Web Applications  
Software Quality Assurance  
Artificial Intelligence  
Computer Vision  
Data Science  
Deep Learning (*in progress*)

### Business

Microeconomics  
Corporation Finance  
Public Speaking (*in progress*)  
Macroeconomics (*in progress*)

## WORK

### Qatar Computing Research Institute | Software Engineer Intern II

May – August 2019 | Doha, Qatar

- Built a real-time interactive dashboard with Vue to help humanitarian organizations and aid relief agencies to filter millions of tweets during crises to facilitate coordinating their activities effectively and reach their targets on a timely manner.
- Analyzed various Named Entity Recognition models for entities extraction from the Twitter API data and incorporated an NER model into the system pipeline using Redis.
- Designed an Elasticsearch schema to store entities and classified data efficiently and implemented a RESTful API Node server with services to aggregate the high-volume data from the Elasticsearch database.
- Awarded 3rd place among 25+ intern projects.

### Qatar Computing Research Institute | Software Engineer Intern I

May – July 2018 | Doha, Qatar

- Developed an application with D3.js, HTML, CSS and Node.js to automatically generate reports for an expired crisis event using data visualization tools to help humanitarian organizations understand the events' statistics for future research and crisis planning.
- Created a front-end application using Leaflet and MapBox for geo-tagging real-time crisis tweets in order to monitor developing events promptly.

## Projects

### Connect 4 Multiplayer

A multiplayer version of the popular Connect 4 game built using Bootstrap, Flask, AJAX and MySQL to give kids their own custom version to play with their friends.

### Linear Equation Tutor

Developed a Logical Agent as part of my Artificial Intelligence class which takes in a linear equation, finds the solution using forward reasoning and tests a student on the steps to solve the equation while providing feedback based on current knowledge.

## Leadership

### SteelHacks 2020 | Event Coordinator

Directed the Outreach, Marketing and Design team and judged for Pittsburgh's largest hackathon, which hosted 200+ hackers.

### ShelInnovates 2020 | Event Coordinator

Directed the Design, Social Media and Photography team for Pitt's only all-female hackathon to help promote computer science amongst the women in computer science and young aspirants.