

Abbas Ahmed

abbaszahmed@gmail.com

EDUCATION

UNIVERSITY OF PITTSBURGH

BS IN COMPUTER SCIENCE

MINOR IN ECONOMICS

August 2016 - Est. April 2020

School of Computing and Information

Major GPA: 3.49 / 4.0

Cum. GPA: 3.19 / 4.0

Dean's List

LINKS

Github:// [abbasahmed](#)

LinkedIn:// [abbaszahmed](#)

Website:// [abbaszahmed.com](#)

SKILLS

Languages

Python • Java • C • Ruby

Javascript/HTML/CSS • SQL

MATLAB • Node.js

Frameworks & Databases

Vue • Vuex • Chart.js/D3.js • Sinatra

AJAX • JQuery • Flask • Express

ElasticSearch • MySQL • Redis

Other Technologies

Git • Windows/Unix/Linux

COURSEWORK

COMPUTER SCIENCE

Data Structures

Applied Statistical Methods

Algorithm Implementation

Formal Methods

Web Applications

Quality Assurance

Artificial Intelligence (*Currently taking*)

Data Science (*Currently taking*)

Computer Vision (*Currently taking*)

Deep Learning (*Scheduled Spring 2020*)

ECONOMICS

Microeconomics

Macroeconomics

Intermediate Microeconomics

Economics of Corporation Finance

(*Currently taking*)

Intermediate Macroeconomics

(*Scheduled Spring 2020*)

RECENT EXPERIENCE

QATAR COMPUTING RESEARCH INSTITUTE

SOFTWARE ENGINEER INTERN II

MAY – AUGUST 2019 | DOHA, QATAR

- Developed a dashboard that provided timely information to crisis managers, humanitarian organizations related to the 4Ws(What, Where, When and Who) of real-time crisis events.
- Engineered a full-stack web application with Vue, Express, Node.js, and ElasticSearch.
- Researched on various Named Entity Recognition models and incorporated entities extraction from Tweets to narrow down relief emergency information to facilitate quicker relief decisions.
- Successfully deployed the application and tested with high volume real-time crisis data.
- Awarded 3rd place among 24+ teams.

SOFTWARE ENGINEER INTERN I

MAY – AUGUST 2018 | DOHA, QATAR

- Developed an automatic report generator application for post-crisis data in order to learn its statistics for future events planning.
- Engineered a full-stack application with JS/HTML/CSS front-end and Sails.js/Node.js backend.
- Implemented pre-processing techniques for easier data retrieval for visualizing post-event reports.
- Developed a Map application for geo-tagging real-time crisis tweets to visualize and monitor developing events promptly.

PROJECTS

SHE INNOVATES

Co-organizing She Innovates hackathon, Pitt's only all-women hackathon.

Responsible for developing and keeping the website up to date.

STEELHACKS

Co-organizing SteelHacks, the largest student hackathon in Pittsburgh. Responsible for designing the logo which will be used on all social media and graphical promotions.

CONNECT 4 – MULTIPLAYER

Flask, JS, HTML, CSS, AJAX

Developed a full stack web application that comprises of a Connect 4 game that can be played real-time with other friends.

CLASS SCHEDULER

Python

Developed a script that takes into account constraints and allots classes to a domain of class times avoiding any conflicts while using backtracking search algorithm.

EXTRACURRICULARS

- UPitt' OIS, 2017-2019
- Pitt Computer Science Club, 2017-Present
- Pitt Innovation and Entrepreneurship LLC, 2016
- TEDxYouth@DPSMIS, 2015

International Student Advisor
Active Member
LLC Alum
Co-organizer