

Sharjeel Khan

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EDUCATION

CARNEGIE MELLON UNIVERSITY

BS IN COMPUTER SCIENCE

Expected May 2017 | Doha, Qatar

Minor in Mathematical Sciences

Dean's List

GPA: 3.62

INTERNATIONAL SCHOOL OF CHOUEIFAT

Grad. May 2013 | Doha, Qatar

SKILLS

PROGRAMMING

Python	★★★★
Java	★★★★
C	★★★★
JavaScript	★★★★
CSS	★★★☆
jQuery	★★★★
AngularJS	★★★★
NodeJS	★★★☆
Django	★★★★
LaTeX	★★★★

APPLICATIONS

Vim	★★★★
Sublime	★★★★
Pycharm	★★★★
Atom	★★★★
Adobe Creative Cloud	★★★☆

ACTIVITIES

ACADEMIC COMMITTEE

CS REPRESENTATIVE

Aug 2015 - May 2016

COMPUTING CLUB

SENIOR ADVISOR

Aug 2015 - May 2016

DEBATE CLUB

ADJUDICATOR

Aug 2015 - May 2016

OFFICE OF INTERNATIONAL EDUCATION BOARD

MEMBER

Aug 2015 - May 2016

GAMING CLUB

VICE PRESIDENT

Aug 2014 - May 2015

EXPERIENCE

MEDDY | SOFTWARE ENGINEERING INTERN

Jan 2017 - Present | Doha, Qatar

- Worked on Meddy's new ranking algorithm for doctor listings based on recency
- Moved Transaction Emails from Django's personal email system to Mandrill
- Created the dashboard to show Google analytics to clinic managers for them to track their doctors

CARNEGIE MELLON UNIVERSITY | TEACHER ASSISTANT

June 2014 - Present | Doha, Qatar

- 15-150: Principles of Functional Programming
- 15-210: Parallel and Sequential Data Structures and Algorithms

RESEARCH

STATISTICAL AUTOGRADER SYSTEM | RESEARCH ASSISTANT

May 2015 - Aug 2015 | Doha, Qatar

- Built a statistical autograder in Python to provide immediate direct feedback to students about their code for their homeworks
- Made to provide information to professor about students' growth in particular concepts

CHIQT SYSTEM | RESEARCH ASSISTANT

Dec 2014 - May 2015 | Doha, Qatar

- Worked on the ChiQat system that is used to teach data structures and recursion to undergraduate students
- Helped with programming the system and grading students' tests on the system

PROJECTS

KESA | FULL STACK DEVELOPER

Mar 2016 - Aug 2016 | Doha, Qatar

- Built a web application to allow users to create and read stories with branching storylines
- Created using Django and AngularJS with D3 for visualization and tree structures and PeerJS for collaborative sessions.

CONCURRENT DISTRIBUTED FILE SYSTEM | SYSTEM DEVELOPER

Sep 2015 - Oct 2015 | Doha, Qatar

- Built a concurrent distributed file system with multiple storage serves and a main naming server.
- Created my own Java RMI library for communication between the different servers

SMART TEXT EDITOR | FULL STACK DEVELOPER

Jan 2015 | Doha, Qatar

- Built a text editor web application in pure Javascript with basic functionalities
- Used APIs to add a built-in thesaurus and Google Knowledge Base system into the editor to allow people get information faster without leaving the editor

AWARDS

2017	Carnegie Apps Hackathon	EAA Award for Humanitarian Technology
2015	University	Undergraduate Teaching in Computer Science Appreciation Award
2015	Carnegie Apps Hackathon	Best Technical Challenge