

# Sharjeel Khan

☎ (974) 3316-3070 | ✉ smkhan@cmu.edu | 🌐 Sharjeel-Khan | in sharjeel-khan | 🏠 www.smkhan.me

## 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

- Working on Meddy's new ranking algorithm based on recency
- Moved Transaction Emails from Django's personal email system to Mandrill

### 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

### CHIQAT 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