Sharjeel Khan

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EDUCATION

CARNEGIE MELLON UNIVERSITY
BS in Computer Science
Aug 2013 - May 2017
Minor in Mathematical Sciences
University Honors
Dean's List (5 semesters)

SKILLS

LANGUAGES
Python, Javascript, SML, Java, C, LaTeX

FRAMEWORKS/ PROOF ASSISTANTS
Django, AngularJS, Bootstrap, Celf, Coq

LIBRARIES
D3, PeerJS, jQuery, Tensorflow

IDE / EDITORS
Atom, PyCharm, Vim, Sublime

ACTIVITIES

OFFICE OF INTERNATIONAL EDUCATION BOARD
Member
Aug 2015 - May 2017

ORIENTATION TEAM
Head Orientation Counselor
Mar 2016 - Aug 2016

STUDENT ACADEMIC COMMITTEE
CS Representative
Aug 2015 - May 2016

COMPUTING CLUB
Student Advisor
Aug 2015 - May 2016

DEBATE CLUB
Adjudicator
Aug 2015 - May 2016

ORIENTATION TEAM
Orientation Counselor
Aug 2014, Aug 2015

GAMING CLUB
Vice President
Aug 2014 - May 2015

EXPERIENCE

CARNEGIE MELLON UNIVERSITY | Research Assistant
May 2017 – Present | Doha, Qatar
- Working on Meta-CLF project with Iliano Cervesato and Giselle Reis
- Formalizing Automated Trading Systems in Celf, a concurrent logical framework
- Developing the meta-theory for Concurrent Logical Framework (CLF) to create the automated tool to verify proofs in Celf

CARNEGIE MELLON UNIVERSITY | Teaching Assistant
June 2014 – May 2017 | Doha, Qatar
- Worked as an Undergraduate Teaching Assistant for 7 distinct courses
- Tutored and helped students with material and concepts taught in the class during my office hours
- Graded written homeworks and created the autograder for the coding assignments

MEDDY | Software Engineering Intern
Jan 2017 – April 2017 | Doha, Qatar
- Moved Transaction Emails from Django's personal email system to Mandrill
- Created the dashboard to show Google analytics and Django analytics to clinic managers for them to track their doctors
- Worked on the interface for clinics to send bulk SMS messages to their clients

CARNEGIE MELLON UNIVERSITY | Research Assistant
Dec 2014 – May 2015 | Doha, Qatar
- Worked on ChiQat, a Java project to teach undergraduate students about data structures and recursion, with Davide Fossati
- Graded the students' tests and checked to see improvement in student's understanding of the concepts

PROJECTS

KESA | Full Stack Developer
Mar 2016 – Aug 2016
- 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
- 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

HONORS

Year	Institution	Award
2017	University	Best Supportive and Hard Working Course Assistant
2017	University	Senior Student Leadership Award
2017	Carnegie Apps Hackathon	EAA Award for Humanitarian Technology
2015	University	Undergraduate Teaching in Computer Science Appreciation Award
2015	Carnegie Apps Hackathon	Best Technical App