

Yasser El-Sayed

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EDUCATION

Carnegie Mellon University

May 2017

BSc in Computer Science

Minor in Historical studies

AWARDS

iHorizons Carnegie Apps

January 2014

- 80+ developers, 12 winners
- Awarded "Best Technical Challenge"
- Presented to 100+ audience

SC Challenge 22

June 2015

- 1065~ participants, 54 finalists
- Awarded "Challenge 22 Finalist"

Ooredoo Carnegie Apps

January 2016

- 120+ developers, 16 winners
- Presented to 120+ audience
- Awarded "Best Technical Challenge"

Microsoft Imagine Cup

April 2016

- 1000+ participants, 25 finalists
- Won "World Citizenship" category
- Presented to 200+ audience
- National winner
- Regional Finalist

SKILLS

Programming

Proficient

JavaScript, C, SML,
Java, Python, HTML,
CSS

Familiar

C++, C0, Swift

Design

Proficient

UML Modeling,
Sketch, Adobe XD

Familiar

Adobe Photoshop,
Adobe Illustrator

EXPERIENCE

CMU | 15-199 Teaching Assistant

Fall 2015

- 15-199 is a course that introduces first year students to elements of formal logic as well as the historical context in which it was founded.
- Responsible for answering course-related questions from the students.
- Responsible for holding lectures introducing logic programming.

Metis | Front-End Software Developer

Summer 2015

- Metis is an application that aids students in their course planning,
- Responsible for developing core front-end features.
- Responsible for creating and maintaining code that provides information about courses and is the most used feature of the application

PROJECTS

Lisod Webserver | Networking Systems Developer

Spring 2016

- Lisod is a real, concrete, and secure web server written in C.
- Web server can be launched to host dynamic/static web content.
- Strengthened the reliability to handle 10,000+ clients simultaneously
- Encrypts connections between the server and client using SSL enabling secure communication between the client and server.

Bit torrent | Networking Systems Developer

Spring 2016

- Implemented a reliable peer-to-peer file transfer system which takes chunks of files from each peer and aggregates them in one machine.
- Responsible for implementing a reliability and congestion control protocol (similar to TCP) on top of UDP for the application.
- Responsible for managing the code base through git and Github.

Kesa.io | Full-Stack Web Developer

Spring 2016

- Kesa.io is a webapp that helps writers write, visualise and analyse stories with multiple storylines.
- Responsible for designing and developing a feature for readers to read stories with multiple storylines and collaborate with writers to write their stories.
- Responsible for developing the entire structure of the front-end using AngularJS, SCSS, and Django templates
- Responsible for managing the code base through git and Github.
- Currently maintaining it on kesa.io