Yasser El-Sayed

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EDUCATION

Carnegie Mellon University
May 2017

BSc Computer Science

Minor in Historical studies

AWARDS

Microsoft Imagine Cup
April 2016

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

Ooredoo Carnegie Apps
Jan 2016

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

SC Challenge 22
June 2015

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

iHorizons Carnegie Apps
Jan 2014

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

SKILLS

Programming Lang./Tools

Proficient	Novice
CSS, JavaScript, Git, Java, Python, C, SML	C++, C0, Swift

Design

Proficient	Novice
UML Modeling, Sketch, Adobe XD	Adobe Photoshop, Adobe Illustrator

Communitcation

Proficient	Novice
Public Speaking, Writing, Teaching	Business Communication

EXPERIENCE

Meddy | Full-Stack Developer
Summer 2016

• Meddy is a web app where users find and review local doctors.
• Created the infrastructure for the current front-end at meddy.co.
• Transformed and translated database to incorporate Arabic language.
• Improved collaboration system for Meddy engineers.
• Held several technical communication presentations for Meddy team.

CMU | Summer Research Assistant
Summer 2016

• Research in generic representation of logical theorem proofs.
• Developed various recursive data models in JavaScript.
• Developed Front End representation of natural deduction proofs using MathML, CSS and JavaScript.

Metis | Front-End Developer
Summer 2015

• Metis is a web app that assists students in their academic planning.
• Created several major and minor front end components in AngularJS.
• Assisted Front End team in migration from jQuery to AngularJS.
• Created course module for that models and provides course data.

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 users write and analyse dynamic stories.
• Responsible for desiging and developing visual components.
• Responsible for managing the code base through git and Github.
• Lead Front End developer responsible for designing and developing a feature for readers to read stories with multiple storylines and collaborate with writers to write their stories in WebRTC.