

John Mikhail

john.m.naguib@gmail.com
<http://jnaguib.github.io>
T +20 1225343932

Education	Carnegie Mellon University B.Sc. Computer Science Minor in Robotics	May'16
Class Projects	<i>Fingers-controlled robot car</i> (Embedded Systems) As a part of a team of 2, Built a system using C to control a robot car wirelessly by bending different fingers using flex sensors and Xbee.	Spring'14
	<i>Hala-See Hala-Do</i> (Perceptual Computing class) As a part of team of 3, Used Intel Perceptual computing SDK in C++ and creative camera to create a robot that is able to answer questions using voice commands and responds to facial expressions such as smiling and nodding.	Fall'13
	<i>Sentiment Analysis for Twitter Data</i> (Text Processing) Wrote Python scripts that analyze tweets being positive, negative or neutral using Naive Bayes and libSVM.	Fall'13
Work Experience	<i>Software Developer at Inpleo</i> As a first employee, helping building Inpleo application - a reverse auction platform using RoR , By improving the system architecture and working on the app's backend and frontend for a better performance and a better user experience.	Feb'17 - Jul'17
	<i>Internship at Inpleo (Startup)</i> Developed an interactive analytics dashboard for a business intelligence engine to model transaction data at Inpleo. The dashboard is built using dc.js and is comprised of charts based on Inpleo's aggregated data.	Summer'15
Research	<i>Hala - Bilingual Robot receptionist (CMU-Q)</i> <ul style="list-style-type: none">Improved the knowledge-base of Hala in English and ArabicWrote a Python script to find patterns in Hala's logs, extracts the important data and inserts them in a databaseBuilt an online dashboard that extracts data from the database as required and plot different charts using HighchartsPresented research findings at Meeting of the Minds, an annual research symposium	Fall'12 - Spring'13
Programming Awards	<i>Pittsburgh Codefest</i> (Team of 5) Developed an application using Python that extracts information from syllabi and exports it to google calendar to remind students before their assignments and exams.	Spring'15
	<i>Qatar Collegiate Programming Contest</i> (1st Place)	Spring'14
	<i>Oman Collegiate Programming Contest</i> (2nd Place)	Spring'14
	<i>Gulf Programming Contest</i> (4th Place)	Spring'14
Technical Skills	Python ★★★★★☆ Java ★★★★★☆ C ★★★★★☆ HTML ★★★★★☆ CSS ★★★★★☆ JavaScript ★★★★★☆	
Languages	Proficient in written and spoken English and Arabic	