

Youssef Hammoud

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Profile	I am a highly motivated student-athlete with an endless eagerness to learn new skills. I have been able to successfully balance between my swimming career and school, scoring points for my school at almost every championship and being a part of the Egyptian Swimming National Team.		
Objective	To obtain an internship in the field of Software or Mobile Development to help me utilize my work experience and programming skills.		
Education	Georgia Institute of Technology	Atlanta, GA	08/2014 – 12/2016
	Major: Computer Science Thread: Information Internetworks & Modeling and Simulation		
	Auburn University	Auburn, AL	08/2012 – 07/2014
	Major: Software Engineering		
Work Experience	POET GmbH Backend Web Development	Alexandria, Egypt	07/2015 – 08/2015
	<ul style="list-style-type: none">- Merged JSTL files between 2 different projects.- Implemented WYSIWYM text editors using jQuery plugins.- Implemented Wabcastellum (Firewall) to block cross-site scripting and SQL injection.- Used Sonar tool to improve code quality and to fix existing errors in some of the files.- Walked through the life cycles of software development.		
Courses	Intro to Object Oriented programming, Data Structures, Algorithms, Data Visualization, Objects and Design, Intro to Databases, Combinatorics, Probability and Statistics, Computer Organization and Programming, Discrete Math, Systems and Networks, Machine Learning.		
Projects (Class Projects)	<ul style="list-style-type: none">• Data Visualization team project- Developed a data visualization of wildlife strikes.- Done some filtering and processing to the dataset from the FAA website.- Used Airport geographical data to visualize the airports on the USA map using D3.js.- Used D3.js and Cross-filter to visualize strikes' by species, year and month for each airport.		Spring 2015
	<ul style="list-style-type: none">• Android App team project- Developed an Android app for shopping with friends.- Applied the Agile Project Management and SCRUM throughout the development.- Used Android Studio to develop and design all the UI screens for the app.- Used SQLite to build the database to keep information about users and their friends.		Spring 2015
Skills	Programming Languages: Java, C, C++, JavaScript, HTML, CSS, MATLAB, SQL, Swift Frameworks and Libraries: Android SDK, iOS SDK, Servlet, JSP, MongoDB, D3.js and jQuery Applications and tools: Microsoft Office, Tableau, Sonar, MySQL Proficient with Algorithms and Data Structures. Languages: Arabic (Native), English (Full proficiency), and French (Limited proficiency)		
Extra Curricular	Auburn Swimming and Diving Team 2012 – 2014, Georgia Tech Swimming and Diving Team 2014 – present, Alexandria Sporting Club Senior Swim Team 2008 – present (Egypt) Alexandria Sporting Club Senior swim Team Captain (Alexandria, Egypt) Egyptian Swimming National Team Member since 2014.		