

Birkan Uzun

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EDUCATION	Massachusetts Institute of Technology (MIT) <i>Candidate for Bachelor of Science degree in Computer Science and Engineering, GPA: 4.5/5.0</i> Relevant Coursework: Elements of Software Construction, Web Programming, User Interface Design, Algorithms, Digital Humanities & Data, Visualization, Open Source Software Project Lab, Computer Systems Engineering, Intro to EECS I & II, Intro to Python, Mathematics for Computer Science, Linear Algebra, Public Speaking Turk Maarif Koleji (TMK), High School <i>Valedictorian (Ranked 1st in a class of 264 students), GPA: 10.0/10.0</i>	Cambridge, MA June 2015 Nicosia, Cyprus June 2011
SKILLS	Technical: Java, Python, Ruby on Rails, HTML5, CSS3, Javascript & JQuery/Backbone.js/Marionette.js, RSpec, Processing, App Inventor, Git, Eclipse, Spring Framework, Microsoft Office • Languages: Turkish (native)	
EXPERIENCE	Akamai Technologies, Inc. <i>Software Engineering Extern</i> • Using Marionette.js on top of Backbone.js to replace scriptlets and improve the application architecture as well as enhancing the user interface of the Firewall Configuration Update for the SiteShield solution.	Cambridge, MA Jan. 2013 – Present
	Akamai Technologies, Inc. <i>Software Engineering Intern</i> • Worked with a team of four interns to build an MVC based web application, using Java with the Spring framework, that is a front to simplify the process of integrating a Kona customer in Akamai. • Designed the controllers that handled the API calls and provided access to the application behavior which was defined by a service interface that communicated with the DAOs. • Used HTML5, CSS3 and Javascript with Bootstrap to design a user-friendly UI that provided CRUD operations and the DataTables plugin to handle tabular representations of customers integrated in the application.	Cambridge, MA May 2013 – August 2013
	MIT CSAIL – The Learning and Intelligent Systems Group <i>Undergraduate Computer Vision Researcher</i> • Implemented a depth discontinuity edge detector, which was built upon the principles of the Canny Edge Detector, with reduced noise and improved accuracy using the Microsoft Kinect. • Designed a computer program for the Willow Garage's PR2 robot to detect spherical objects.	Cambridge, MA Sept. 2011 – May 2013
	Introduction to Electrical Engineering and Computer Science – Design Laboratory <i>Advanced Laboratory Assistant (for students with substantial background in EECS)</i> • Prepared solutions for design labs for the class by working with the instructors in staff meetings. • Helped students with software debugging, understanding basic OOP and algorithms, and building circuits on mobile robots.	Cambridge, MA Sept. 2012 – Dec. 2012
	MIT Admissions Office <i>Student Worker</i> • Handled student applications such as bundling, scanning and organizing them in the database.	Cambridge, MA Sept. 2011 – June 2012
	Cyprus Turkish Teacher's Credit Union <i>Summer Intern</i> • Provided service for basic financial transactions to 30+ customers per day, and helped with technical service.	Nicosia, Cyprus July 2010 – Sept. 2010
LEADERSHIP	MIT Undergraduate Practice Opportunities Program <i>Participant</i> • Took part in a self-selecting professional development and engineering leadership and effectiveness program that prepares MIT sophomores for success in the workplace. Bold Leaders <i>Participant</i> • Received education in Leadership, Multi-Cultural Communication and Conflict Resolution.	Cambridge, MA October 2012 – August 2013 Denver, CO June 2008 – August 2008
AWARDS	MIT's Elements of Software Construction (6.005) Final Project, <i>Best Usability Runner-up Award</i> (2013) • Spartan Race Finisher (2013) • \$100,000 Cyprus Fulbright Scholarship, <i>Recipient</i> (2011) • TMK High School Certificate of Merit, <i>Recipient</i> (2011) • TMK High School Honorary Council, <i>Elected Member</i> (2008 – 2009).	
ACTIVITIES	Open Academy Program • MIT Turkish Student Association • MIT Intramural Basketball • MIT Outing Club • Acting • Cyprus Help Those With Cancer Association • M-Style GYM & Fitness • TMK High School Basketball Club, <i>Captain</i> • Lemanspor Basketball Club • TMK High School Camping Club, <i>Founder</i>	