

Sharang S Phadke

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EDUCATION	The Cooper Union for the Advancement of Science and Art , New York, NY <i>Bachelor of Engineering</i> , Electrical Engineering 2010 - 2014 Concentration: Computer Engineering <ul style="list-style-type: none">• Cumulative GPA: 3.65• 4-year full tuition scholarship• Dean's List: Fall 2010 - Spring 2014• IBM Thomas Watson Scholar
EXPERIENCE	Neurotrack Technologies , Palo Alto, CA 2014 - present <i>Software Engineer</i> <ul style="list-style-type: none">• Developing webcam eyetracking algorithm for a novel computerized Alzheimer's diagnosis tool ZocDoc Inc , New York, NY Summer 2013 <i>Software and Marketing Intern</i> <ul style="list-style-type: none">• Developed a C# tool to identify web crawlers and malicious robots based on search logs• Analyzed ZocDoc search data to identify actionable marketing initiatives based on user browsing patterns, leading to a redesign of the search page FxAlliance LLC , New York, NY Summer 2012 <i>Technical Intern</i> <ul style="list-style-type: none">• Developed a C++ program to analyze network traffic and display relevant statistics on a web dashboard which was used by network engineers to more efficiently service clients
LEADERSHIP	Create@Cooper http://createatcooper.org 2012 - 2014 Co-Founder of entrepreneurship and hacking community Engineering Student Council http://esc.cooper.edu 2010 - 2014 Elected Administrative Chair: responsible for setting annual policy goals, communicating with faculty, administrators, and alumni, and running weekly meetings Cooper Union Cross Country Team 2010 - 2014 Team Captain, 2011 All-Conference Team
PROJECTS	Boxoffice : Implemented machine learning algorithms in python to predict audience ratings of movies based on primitive features MegaMouse : Designed and constructed an autonomous maze-solving robot to compete in the IEEE Region 1 Micromouse Competition RoboRoach : Developed a neural stimulus system to control cockroach movement in order to deploy cockroaches to aid rescue workers in hazardous environments
COMPUTER SKILLS	<i>Languages & Software</i> : C, C++, C#, Python, SQL, Javascript, MATLAB.