

# Sharang S Phadke

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EDUCATION	<b>The Cooper Union for the Advancement of Science and Art</b> , New York, NY <i>Bachelor of Engineering</i> , Electrical Engineering <b>2010 - 2014</b> Concentration: Computer Engineering <ul style="list-style-type: none"><li>• Cumulative GPA: <b>3.65</b></li><li>• 4-year full tuition scholarship</li><li>• Dean's List for all 8 semesters</li><li>• IBM Thomas Watson Scholar</li></ul>
EXPERIENCE	<b>Neurotrack Technologies</b> , Palo Alto, CA <b>2014 - present</b> <i>Software Engineer</i> <ul style="list-style-type: none"><li>• Analyzed data from clinical trials to validate components of Neurotrack's Alzheimer's Disease prognosis tool.</li><li>• Built data analysis framework to automatically apply various metrics to new datasets</li></ul> <b>ZocDoc Inc</b> , New York, NY <b>Summer 2013</b> <i>Software and Marketing Intern</i> <ul style="list-style-type: none"><li>• Developed a C# tool to identify web crawlers and malicious robots based on search logs</li><li>• Analyzed ZocDoc search data to identify actionable marketing initiatives based on user browsing patterns, leading to a redesign of the search page</li></ul> <b>FxAlliance LLC</b> , New York, NY <b>Summer 2012</b> <i>Technical Intern</i> <ul style="list-style-type: none"><li>• 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</li></ul>
LEADERSHIP	<b>Create@Cooper</b>   <a href="http://createatcooper.org">http://createatcooper.org</a> <b>2012 - 2014</b> Co-Founder of entrepreneurship and hacking community  <b>HackCooper</b>   <a href="http://hackcooper.org">http://hackcooper.org</a> <b>2012 - 2014</b> Lead organizer of first annual student hackathon at Cooper Union  <b>Engineering Student Council</b> <b>2010 - 2014</b> Elected Administrative Chair: responsible for setting annual policy goals, communicating with faculty, administrators, and alumni, and running weekly meetings  <b>Cooper Union Cross Country Team</b> <b>2010 - 2014</b> Team Captain, 2011 All-Conference Team  <b>Boy Scouts of America</b> <b>2000 - 2010</b> Eagle Scout, Troop 168, Plainsboro, NJ
PROJECTS	<b>Boxoffice</b> : 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**

*Languages & Software:* Python, C, C++, C#, SQL, Javascript, MATLAB.