# Sharang S Phadke

99 E 7th Street #7, New York City, NY, 10009   |   (609)-902-6486
sharang.phadke@gmail.com   |   `http://sharangphadke.me`

**EDUCATION**

**The Cooper Union for the Advancement of Science and Art**, New York, NY
*Bachelor of Engineering,* Electrical Engineering                          **2010 - 2014**
Concentration: Computer Engineering
- Cumulative GPA: **3.63**
- 4-year full tuition scholarship
- Dean's List: Fall 2010 - present
- IBM Thomas Watson Scholar

**EXPERIENCE**

**ZocDoc Inc**, New York, NY                                                **Summer 2013**
*Software and Marketing Intern*
- 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**
*Technical Intern*
- 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 - present**
Co-Founder of entrepreneurship and hacking community

**Engineering Student Council** | `http://esc.cooper.edu`      **2010 - present**
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 - present**
Team Captain, 2011 All-Conference Team

**Boy Scouts of America**                                                   **2000 - 2010**
Eagle Scout, Troop 168, Plainsboro, NJ

**PROJECTS**

**Boxoffice:** Implemented machine learning algorithms in python to predict audience ratings of movies based on primitive features

**NebulUs:** Developed a node.js mobile web app to streamline social music playlists

**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:* C, C++, C#, Python, SQL, Javascript, MATLAB.