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: **3.7**
- 4-year full tuition scholarship
- 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

Rutgers University Dept. of Physics, New Brunswick, NJ   **2009 - 2010**
Research Intern
- Designed and prototyped a high energy cosmic ray detector
- Presented findings to National Science Foundation Review Committee

PROJECTS

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

RoboRoach: Developed a neural stimulus system to control cockroach movement in order to deploy cockroaches to aid rescue workers in hazardous environments

Marble Match: Designed and prototyped an Arduino based game for autistic children involving matching colored marbles to the color of designated LEDs

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

COMPUTER SKILLS

Languages & Software: C, C++, C#, Python, SQL, Javascript, MATLAB.
Operating Systems: Unix, MS Windows, MS Office Suite.