# Viraj Ojha Sinha

me@vsinha.com
vsinha.com
github.com/vsinha

217 Pierce St. Unit 2
West Lafayette, IN 47906
(408) 505-1275

**OBJECTIVES**

To work on interesting projects with knowledgable team members. To continue to build my software engineering experience, hone my programming abilities, and acquire new skills in an environment where people enjoy working. To learn everything possible.

**EXPERIENCE**

*Hacker School Never Graduate*　　　　　　　　　　　　　　　　Spring I 2015
Hacker School, Manhattan NYC, NY

*Engineering Intern*　　　　　　　　　　　　　　　　　　　　　Summer 2014
Numenta, Inc., Redwood City, CA
- Created an intelligent stock market data tracking application using NuPIC
- Increased Grok model serialization performance by 2 orders of magnitude

*IT Support Technician*　　　　　　　　　　　　　　　March 2012 - May 2014
Krannert School of Management, Purdue University
- Perform account management and SysAdmin duties
- Provide courteous and patient on-site technical support and troubleshooting for non-technical faculty, staff, and students

*Undergraduate Researcher*　　　　　　　　　　　　　　　　　Summer 2012
Neuroprosthesis Research Lab, Purdue University
- Added data logging to software reading from electrodes implanted in rat brains
- Worked with graduate student on neural implant electrode coatings research

*Software Development Intern*　　　　　　　　　　　　　　　　Summer 2011
Intrepid Technology, Inc., Palo Alto, CA
- Contributed Unified Parallel C (UPC) support to GNU Indent
- Constructed a parallelized search-based artificial intelligence Mancala player in C/UPC
- Added UPC support to several open source syntax highlighter projects
- Administrated several VMs for software development

**EDUCATION**

*Bachelor of Science, Computer Science*　　　　　　　　　　　December 2014
Purdue University, West Lafayette, IN
Minors: Biology, Philosophy, Psychology
GPA: $((\lambda x.\lambda y.\lambda z.\, z\, x\, y)(\lambda f.\lambda x.f(f(x)))(\lambda f.\lambda x.f(f(f(f(f(f(f(f(f(f(x)))))))))))$

**SKILLS**

**Fluent in:** Python, Java, Scala, Swift (iOS dev)
**Experience in:** C, C++, Objective C, JavaScript, HTML/CSS, R, Haskell, ARM & x86 asm
**Tools:** Linux/UNIX, MATLAB, OpenGL, LaTeX SAS, biochem and electrical lab equipment.

**EXTRA**

Executive Board member of BoilerMake, Purdue's Hackathon
Won "Most Viable Startup" and "Most Technically Impressive" awards at MHacks III
Co-Founder and Vice President of Student Think Tank for India (STTI)
Purdue FIRST Robotics Mentor for Jefferson High School Team 1646
FIRST Robotics Team Captain for Saint Francis High School Team 2367
Semi-professional event and hobby photographer

**REFERENCES**

Available on request.