

# Viraj Ojha Sinha

virajosinha@gmail.com  
vsinha.com  
github.com/vsinha

1451 20th Ave  
Seattle, WA 98122  
(408) 505-1275

<b>EXPERIENCE</b>	<i>Software Engineer</i> Microsoft, Bellevue, WA • Engineer on Loop, the team behind Arrow and Next (more info coming soon!)	January 2016 - Present
	<i>Program Manager</i> Microsoft, Bellevue, WA • Helped lead experimentation and AB testing on office.com and neighboring teams	September - December 2015
	<i>Software Engineer, Contractor</i> OpenTrons, Inc., Brooklyn, NY • Integrated WAMP-based server into robot control system and UI • Architected custom dual-mode Raspberry Pi connectivity system	April - May 2015
	<i>Engineering Intern</i> 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	Summer 2014
	<i>IT Support Technician</i> Krannert School of Management, Purdue University • Performed account management and sysadmin duties • Provided patient on-site technical support for nontechnical faculty, staff, and students	March 2012 - May 2014
	<i>Undergraduate Researcher</i> Neuroprosthesis Research Lab, Purdue University • Added data logging to software reading from electrodes implanted in rat brains • Worked with graduate students on neural implant electrode coatings research	Summer 2012
	<i>Software Development Intern</i> 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	Summer 2011
<b>EDUCATION (formal)</b>	<i>Recurse Center (formerly Hacker School)</i> Manhattan, NY	(SP1'15) February 2015 - May 2015
	<i>Bachelor of Science, Computer Science</i> Purdue University, West Lafayette, IN Minors: Biology, Philosophy, Psychology GPA: 0x4039999a (IEEE 754)	December 2014
<b>SKILLS</b>	<b>Fluent in:</b> JavaScript (node.js), Python, Java, Scala, Swift (iOS) <b>Experience with:</b> Haskell, C, C++, Objective C, HTML/CSS, R, ARM & x86 asm <b>Tools:</b> UNIX, cloud and cluster management, Mesos/Marathon/DCOS, Docker, biochem wet lab experience.	
<b>ETC</b>	Executive Teammate on BoilerMake, Purdue's hackathon (400 students, \$250,000 in funding) Won "Most Viable Startup" and "Most Technically Impressive" awards at MHacks III FIRST Robotics Competition Mentor (team 1646) and Team Captain (team 2367) Semi-professional event and hobby photographer Vim user Center For Applied Rationality (CFAR) alumnus Amateur Radio (HAM) Technician Private Pilot (student) Beekeeper	