

Viraj Ojha Sinha

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EXPERIENCE	<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
EDUCATION (formal)	<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
SKILLS	Fluent in: JavaScript (node.js), Python, Java, Scala, Swift (iOS) Experience with: Haskell, C, C++, Objective C, HTML/CSS, R, ARM & x86 asm Tools: UNIX, cloud and cluster management, Mesos/Marathon/DCOS, Docker, biochem wet lab experience.	
ETC	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) Center For Applied Rationality (CFAR) alumnus Amateur Radio (HAM) Technician Airplane Pilot (student) Quadcopter Engineer Beekeeper	