

Viraj Ojha Sinha

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OBJECTIVES To work on software projects with a team in a production environment. To continue to build my software engineering experience, hone my programming abilities, and acquire new skills.

EDUCATION Purdue University, West Lafayette, IN Expected May 2015
Bachelor of Science, Computer Science
GPA: 2.88/4.00
Triple minor in Biology, Psychology, and Philosophy

SKILLS **Languages:** Python, C, Java, C++, Objective C, ARM and x86 assembly, JavaScript, HTML/CSS

Relevant Coursework: Analysis of Algorithms, Systems, Computer Architecture, Data Structures, Cognitive and Computational Neuroscience, Neural Systems, Numerical Methods, Computer Graphics, Linear Circuits

Tools: Linux / UNIX, MATLAB, Visual Studio, Xcode, Adobe Creative Suite, OpenGL, SAS, oscilloscope, multimeter, function generator, lathe, mill, drill press, micropipette, microcentrifuge, X-ray chromatograph, various organic chemistry lab equipment

EXPERIENCE *IT Support Technician* March 2012 - Present
Purdue Krannert School of Management

- Provide courteous and patient on-site technical support and troubleshooting for nontechnical faculty, staff, and students
- Provide over-the-phone technical support
- Image and prepare new computers for deployment

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
- Modified UPC package installation instructions for greater platform coverage
- Administrated several VMs for software development team

EXTRA-CURRICULAR 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 upon request