

Viraj Ojha Sinha

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428 N Grant St. Unit 2
West Lafayette, IN 47906

OBJECTIVES

To work on programming projects with a team in a non-university environment. To continue to build my software engineering experience, hone my programming ability, and acquire new skills.

EDUCATION

Purdue University, West Lafayette, IN
Bachelor of Science, Computer Science
 GPA: 2.75/4.00
 Minors: Biology, Psychology, Philosophy

Expected May 2015

SKILLS

Languages: Python, Java, C++, C, Javascript, HTML/CSS
Tools: UNIX, MATLAB, OpenGL, SAS, lathe, mill, drill press, micropipette
Labs: Cellular Biology, Genetics, Organic Chemistry

EXPERIENCE

<i>IT Support Technician</i>	March 2012 - Present
Purdue Krannert School of Management	
<ul style="list-style-type: none"> • 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 Research Summer 2012
 Neuroprosthesis Research Lab, Purdue University

- Added data logging to software reading from electrodes implanted in rat brains (MAT-LAB)
- 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 artificial intelligence search-based Mancala player in C/UPC
- Patched several open source syntax highlighters for UPC support
- Administrated several VMs for software development team

Lab Intern Summers 2005, '07
University of California at Davis Plant Biology Lab

- Performed gel electrophoresis and PCR to assist with doctoral student research
- Gained lab experience while in high school

EXTRA-CURRICULAR

Purdue FIRST Robotics Mentor for Jefferson High School Team 1646
FIRST Robotics Team Captain for Saint Francis High School Team 2367
Purdue Formula SAE team member
Semi-professional event and hobby photography

REFERENCES

Available upon request