

Vishay Suresh Nihalani

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OBJECTIVE

- To explore various specialization interests in Electrical Engineering and Computer Science, in an atmosphere conducive to growth and innovation.

EDUCATION

University of California, Berkeley, College of Engineering, Berkeley, CA *2005-present*

- Bachelor of Science in Electrical Engineering and Computer Science (EECS)
- Expected Graduation Date: May 2009
- Current GPA: 3.6
- Regents' and Chancellors' Scholar
- Member of Eta Kappa Nu, an EECS Honor Society

Moorpark High School, Moorpark, CA *2001-2005*

- Graduated as Valedictorian: June 2005
- GPA: 4.8; SAT: 1600; SAT II Math IIC: 790; SAT II Writing: 750
- Presidential Scholars State Finalist

WORK EXPERIENCE

Citadel Investment Group, LLC., Financial Technology Associate Program Intern *Summer 2008*

- Developed models to correlate changes in weather with changes in energy commodity prices, specifically liquefied natural gas
- Implemented a GUI to display weather forecast changes in real-time for commodity traders to use
- Worked actively with traders and analysts to assess their needs and develop project specifications
- Presented final project to senior business leaders and traders

Amazon.com, Inc., Software Design Engineer Intern *Summer 2007*

- Developed the prototype of the SMS-based mobile ordering system TextBuyIt to provide customers with access to Amazon store
- Met with senior business leaders to develop compelling use cases and marketing strategies for aforementioned ordering system
- Gained experience working on large, multi-module project, within a team environment
- Presented final project to senior business and technical leadership
- Work and ideas resulted in a patent application (pending) related to project

RELEVANT COURSEWORK

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| • Data Structures and Algorithms | • Digital Signal Processing |
| • Machine Structures | • Digital Communication Theory |
| • Advanced Signals and Systems | • Microelectronic Devices and Circuits |
| • Probability and Random Processes | • Operating Systems* |
| • Random Processes in Systems (Graduate)* | • Efficient Algorithms and Intractable Problems* |

**Indicates classes currently in progress*

LEADERSHIP EXPERIENCE

Eta Kappa Nu, Industrial Relations Committee Member *2007-present*

- Contacted numerous companies to help arrange info-sessions and tech talks on campus
- Worked with career center to organize and assist career and internship fairs
- Assisted in info-sessions and resume book publications

SKILLS AND INTERESTS

- Proficient in Java, Scheme (Lisp), C, C++, MIPS, Python
- Experience using computational and simulation programs such as Matlab and LabVIEW
- Knowledge of Windows, Unix, and Solaris operating systems
- Spoken languages: English, Spanish, and Italian