

Pallavi Powale

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Education

Massachusetts Institute of Technology—Cambridge, MA 2012 (expected)
Candidate for B.S. in Electrical Engineering and Computer Science
HASS Concentration in Psychology
GPA: 4.4—Coursework includes: Differential Equations, Mathematics for Computer Science, Signals and Systems, Applied Electricity and Magnetism, Circuits, Microcontroller Project Lab, Computation Structures, Software Construction, Algorithms, Artificial Intelligence, Engineering Innovation and Design, Microeconomics

Westview High School—San Diego, CA 2008
Class Rank: 4/547

Experience

Massachusetts Institute of Technology—Cambridge, CA Fall 2011
Associate Advisor for Professor Anantha Chandrakasan

Qualcomm CDMA Technologies—San Diego, CA Summer 2011
Engineering Intern for CoreBSP

- Developed IP Catalog web interface used to catalog hardware and software changes in chip cores.
- Worked primarily with Django web framework in addition to JQuery and AJAX.

Qualcomm Inc.—San Diego, CA Summers 2008-2010
Intern for Brew Support Tier 1 and GNS-IT

- Developed memory game application in C for BREW MP.
- Worked on QES support request web forms using ASP, HTML, CSS, C# and some SQL.

Intern for Brew Support Tier 1

- Developed memory game web browser application using Javascript, CSS, and HTML.
- Worked with Qualcomm Plaza technology and the Sun Java Wireless Toolkit to convert web browser application into a fully functional Plaza cell phone widget.

Intern for Brew Support Tier 1

- Analyzed issues and learned to provide detailed summaries and proposed resolutions to Brew application developers.
- Requested and tested appropriate handsets for casework and provided responsive and accurate information to customers, logged customer issues, created and maintained solutions within the Knowledge Base.

Pomerado Hospital—San Diego, CA 2006
Lobby Desk Volunteer: served 72 hours

Academic Programs

- Gordon-MIT Engineering Leadership Program Fall 2010
- Undergraduate Practice Opportunities Program Fall 2009-Spring 2010
- High School Science Day—Salk Institute, San Diego, CA Spring 2008
- Women's Technology Program in Mechanical Engineering—MIT Summer 2007
- Marine Technology Society Internship—San Diego Oceans Foundation Summer 2006
- Frontiers in Nanotechnology—Bourns College of Engineering, UC Riverside Summer 2005
- BFOIT Leadership in Information Technology—UC Berkeley Summer 2005

Skills

Computer Skills: Java, JavaScript, CSS, HTML, Python, C/C++ (basic), Intel Assembly Language, Django, Microsoft Office and Visual Studio, Gimp (Image editing), Sun Java Emulator, Angel (voice application)

Experience with Electronic Equipment: Oscilloscope, Multimeter, Power Supply, Soldering, Function Generator

Memberships/Extracurricular Activities

Clubs: MIT Engineers without Borders: *Energy team* (1 term), MIT Lecture Series Committee: *Projectionist* (1 term), MIT Solar Electric Vehicle Team (1 term), Westview Model UN: *President* (4 years), Westview Chess (1 year)

Athletics: MIT IM Soccer (3 years), Competitive/Rec/Freshman Soccer (7 years), JV/Varsity Track&Field (3 years)

Dance: MIT DanceTroupe (1 year), Indian Classical Dance: Odissi, Bharat Natyam, Kathak (7 years)