Vir Thakor

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EDUCATION

2013 – Present	UCLA Bachelors of Science, Computer Science & Engineering Degree anticipated June 2017
	• University of California Los Angeles, Los Angeles, CA
2009 – 2013	River Hill High School
	• Clarksville, MD 21029
	• Unweighted GPA: 3.82, Weighted GPA: 4.64
2012	Johns Hopkins University Data Structures Course
	• 3400 N. Charles St., Baltimore, MD 21287, USA

TECHNICAL SUMMARY

Data Structures (Java, C++), C, D3.js, JavaScript, C#, HTML, CSS, ASP.NET
Some experience with SQL, Oracle, SQL Developer, BASH shell script, UNIX/LINUX, JavaScript, GitHub, SolidWorks

AWARDS/ACHIEVEMENTS

2013 – Present	Eagle Scout in the Boy Scouts of America
2012	NASA/MIT/DARPA Zero Robotics High School Tournament
	• Team ranked 4th at the National competition on 1/10/13
2011 – 2012	Project: "A Universal Algorithm for Locomotion: Artificial Central Pattern Generator"
	• Selected for National Junior Science and Humanities Symposium
	• Maryland Junior Science and Humanities Symposium – 2nd Place Oral Presentation
	• The Baltimore Science Fair – 2nd Place Physical Division
	• The United States Public Health Service – Meritorious Achievement Award
2010 – 2011	Project: "MyoMouse: An Electromyographic Device for Amputee Computer Use"
	• Maryland Junior Science and Humanities Symposium – 2nd Place Poster Presentation
	• 1st Place Raytheon Solypsis Award
	• NSA Mathematics Education Partnership Program – Award for Outstanding use of Math
	• The Office of Naval Research: Naval Science Award for Outstanding Scientific Achievement
2012	Letter of Commendation for National Merit Scholar

INTERNSHIPS AND CO-CURRICULAR STUDIES

2015	Department of Energy, Software Engineering Intern
	• Provided front-end and back-end support for a few projects using Oracle, JavaScript, jQuery or D3.js, but primarily worked on a web page that showed the flow of commodities by volume via sea routes on an interactive global map.
2014	Vigilant Medical LLC, Software intern
	• Worked on backend reporting pages to improve functionality and collection of upload data obtained by the site's submission page using C# and ASP.NET
	• Worked under Alex Sleighter (Engineering Director)
2011 – 2012	Johns Hopkins University Department of Electrical and Computer Engineering and Department of Biomedical Engineering, Research intern
	• Created algorithms, simulations and circuits to model the pattern of locomotion.
	• Can be applied to lower-limb prosthesis, bipedal and poly-pedal robots.
	• Worked under Professor Ralph Etienne-Cummings (ECE) and Dr. Anil Maybhate (BME)
2010 – 2011	Infinite Biomedical Technologies, Research intern
	• Developed MyoMouse technology for amputee computer use
	• Utilized electrical signals from the forearm to control the click functions of a mouse, and accelerometers to control cursor movement.
	• Worked under Dr. Rahul Kaliki (Head Research Engineer and current CEO) and Dr. Girish Singhal (Head Research Engineer and now assistant research professor at IIT Gandhinagar)

REFERENCES

Available upon request