Vir Thakor

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EDUCATION

2013 – Present UCLA, Bachelors of Science, Computer Science, expected June 2017
2009 – 2013   River Hill High School
- Clarksville, MD 21029
- Unweighted: 3.82, Weighted: 4.64

2012   Johns Hopkins University, Data Structures (Java)

SKILLS

Strong   C++, HTML, CSS, Javascript, Microsoft Ofiice
Proficient   D3.js, jQuery, SQL, Java, PHP, MySQL, Lisp, C, C#, .NET, Bash

EXPERIENCES

2016   American Express, Software Engineering Intern
- Global Authorizations Network Team
- Created internal Web App to manage uploaded testing information
- Worked on Proof of Concept Project to determine if the existing Key Management System could be modified to allow for scheduled key rotations on a new database manager

2015   Department of Energy, Software Engineering Intern
- Provided front-end and back-end support for a few projects
- Primarily worked on a web page that showed the flow of commodities by volume via sea routes on an interactive global map.
- Oracle, JavaScript, jQuery or D3.js

2014   Vigilant Medical LLC, Software Engineering 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

2011 – 2012   Johns Hopkins University, Research intern
- Department of Electrical and Computer Engineering and Department of Biomedical Engineering
- Created algorithms, simulations and circuits to model the pattern of locomotion.
- Can be applied to lower-limb prosthesis, bipedal and poly-pedal robots.

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.

PROJECTS + ACHIEVEMENTS

2013   Eagle Scout in Boy Scouts of America
2016   Trip Cost Splitter
- Web app that allows users to enter all people involved in a group trip
- Multiple purchases can be entered that were made by a specific person
- Outputs the amount of money each person owes another.

2016   3rd Place, American Express Hackathon
- Data visualization tool that can be used by card holders to show frequency of purchases over time, types of purchases, and geographic location of purchases
- JavaScript, jQuery, HTML/CSS, Morris.js, Google Maps API

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

References Available Upon Request