Vir Thakor

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EDUCATION
2013 – Present	UCLA, Bachelors of Science, Computer Science, graduation June 2017
2009 – 2013	River Hill High School
2012	Johns Hopkins University, Data Structures (Java) Summer Course

SKILLS
Primary — C++, SQL, JavaScript, jQuery, MySQL, D3.js, HTML, CSS, Bootstrap, Python
Java, PHP, Lisp, C, C#, Bash, Git, Agile/Scrum, MEAN stack, R, JSON/XML, HTTP, REST

WORK EXPERIENCE
2016 American Express, Software Engineering Intern
- Global Authorizations Network Team
- Created internal Web App to manage uploaded testing information (PHP, MySQL)
- Worked on Proof of Concept Project to determine if the existing Key Management System is modifiable to allow scheduled key rotations on new Oracle DB manager

2015 Department of Energy, Software Engineering Intern
- Primarily worked on a web page that showed the flow of commodities by volume via sea routes on an interactive global map.
- Worked within the Energy Information Administration section
- Provided front-end and back-end support for a trade route project and a cumulative DB
- Oracle, JavaScript, jQuery and 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
- Dept. of Electrical and Computer Engineering and Dept. 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.

PROJECTS + ACHIEVEMENTS
2013 Eagle Scout in Boy Scouts of America

2016 Club Connect
- Web and Mobile App that can be used by school clubs as a way of expediting signing in at events
- Mobile built with Swift, Web built with Highcharts.js, Node.js, and DB built using Kinvey

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 and outputs the amount of money each person owes another. JavaScript, HTML/CSS, jQuery

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 coded strategy for simulated satellite game against other teams
- 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
- 2nd Place Oral Presentation – Maryland Junior Science and Humanities Symposium
- The Baltimore Science Fair – 2nd Place Physical Division

References Available Upon Request