VANSI VALLABHANENI

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EDUCATION

Carnegie Mellon University – Pittsburgh, PA   2014

Major: Computer Science and Mechanical Engineering

Minors: Robotics

GPA: 3.54

- **Computer Science:** Imperative Computation (Data Structures) (15-122), Intro to Computer Systems (15-213)*, Mobile Web Apps (15-237)*, Functional Programming (15-150)*, Parallel Computer Architecture (15-418)*
- **Robotics:** Intro to Robotics
- **Mechanical Engineering:** Statics, Thermodynamics, Fluids, Stress Analysis
- **Miscellaneous:** Digital Photography, Intro to ECE, International Law, IP Law*

*currently enrolled/planning to enroll in this year

SKILLS

C, JavaScript, PHP, Python, Autodesk, Solidworks, Photoshop, Google Maps API, JQuery

EXPERIENCE

The Advisory Board Company – *Healthcare Business Analytics* – Austin, TX   May - August 2012

Intern, *Crimson Market Advantage*

- Create a web application to allow users (hospital executives) to create and organize geographic service areas for new features in Crimson Market Advantage
- Estimated to make the on boarding process for new users 70% more efficient and productive

Human Centered Research Lab – *Humanoid Robotics Research* – Austin, TX   May - August 2011

Lead Researcher

- Lead a team to design, build and test a system to emulate humans' ability to spin
- Coordinate with the lab and the professor on deadlines and specifications
- Results will be used to design future humanoids capable of dancing

Westwood High School Robotics   August 2006 - May 2010

Vice President

- Lead a team to design, construct, program, and test a robot to complete a set of tasks within a 6 week timeline to participate in the BEST (Boosting Engineering Science and Technology) and FIRST (For Inspiration and Recognition of Science and Technology)

REFERENCES

Alykhan Daya – *Project Manager of Crimson Market Advantage at The Advisory Board Company*

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Dr. Luis Sentis – *Professor at The University of Texas at Austin, Human Centered Research Lab*

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