

VANSI VALLABHANENI

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US Citizen

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EDUCATION

Carnegie Mellon University – Pittsburgh, PA

December 2014

Major: Computer Science

Minor: Mechanical Engineering

GPA: 3.49

- **Computer Science:** Mobile Web Apps (15-237), Parallel Computer Architecture (15-418), Distributed Systems (15-440), Intro to Functional Programming (15-150)*
- **Miscellaneous:** Digital Photography, Intro to ECE, International Law, Organizational Behavior, Intro to Robotics

*currently enrolled

SKILLS

Languages: Java, JavaScript, C, Python

Tools: Google Maps API, JQuery, NodeJS, MongoDB, AWS SWF, SNS, S3

EXPERIENCE

Amazon Web Services – *Cloud Services* – Seattle, WA

May - August 2013

Intern, *Commerce Platform*

- Implement a complex workflow to handle legacy services hitting their scalability limits.

NavPal – *Indoor Navigation for the Blind* – Pittsburgh, PA

Jan - May 2013

Software Developer, *Floor Plan Creator*

- Create a web application to allow building managers to create and upload floor plans and generates a scalable and precise graph traversable by NavPal (an indoor turn by turn navigation app).
- Worked with professors, UX designers, campus administrators, building managers.

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 – *High School Robotics Team* – Austin, TX

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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