

# VANSI VALLABHANENI

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US Citizen

(512) 673-8599

## EDUCATION

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**Carnegie Mellon University** - Pittsburgh, PA Dec 2014

*Computer Science*

GPA: 3.43

- **Computer Science:** Parallel Computer Architecture (15-418), Distributed Systems (15-440), Parallel Algo (15-210), NLP (11-411), Machine Learning (10-601)
- **Miscellaneous:** Digital Photography, Intro to ECE, International Law, Organizational Behavior

## SKILLS

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**Languages:** Java, Scala, SML, JavaScript, C, Python

**Tools:** AWS, Scalatra, SQL, JQuery, NodeJS, MongoDB

## EXPERIENCE

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**Twine - Revolutionizing How Friends Exchange Money** - Bay Area, CA Aug 2014 - Oct 2015

Co-Founder & CTO, [www.twine.xyz](http://www.twine.xyz)

- Manage a team of 2 and an outsourced team in India to design, develop and maintain, two mobile client side applications
- Design, develop and maintain our server side
- Business side: investor relations, financial projections, marketing, hiring and more operations

**Foursquare - Local Search and Discovery** - New York, NY May - Aug 2014

Intern, *Monetization Team*

- Upgrade the model training pipeline to make developing new models easier and faster
- Many smaller features from user facing specials pages to internal tools to make account managers' lives easier and more productive

**Amazon Web Services - Cloud Services** - Seattle, WA May - Aug 2013

Intern, *Commerce Platform*

- Implement a workflow to babysit and manage complex legacy services hitting their scalability limits and automate tasks, reducing the human burden.

**NavPal - Indoor Navigation for the Visually Impaired** - Pittsburgh, PA Jan - May 2013

Software Developer, *Floor Plan Creator*

- Managed a team of 5 to create a web application which allows building managers to create and upload floor plans, and generates a scalable and precise graph.
- To allow people who are blind or visually impaired to independently navigate through buildings

**The Advisory Board Company - Healthcare Business Analytics** - Austin, TX May - Aug 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 - Aug 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 Aug 2006 - May 2010

Vice President

- Lead a team to design, develop, 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)