



# Viraat Reddy Aryabumi

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## CONTACT

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## WORK EXPERIENCE

Social Entrepreneurship Lab, Stanford  
University

27 July 2014 — 29 August 2014

Assistant Product Engineer and Cultural Specialist

The goal of the project was to create a low-cost, compact demonstration kit for the drip irrigation company **Driptech**, headquartered in India. The **DiscoverDrip Demo Kit** is a demonstration tool created for Driptech, a company that produces low-cost, high-quality drip irrigation systems for small-plot farmers in developing countries. Driptech sales officers will use the Demo Kit during marketing activities to generate interest in drip irrigation among farmers and demonstrate some of the defining features of company's products. The Demo Kit, composed of a self-standing, durable plastic bag connected to the Driptech takeoff valve and driptape, is simple to use, compact for easy transportation and costs only about \$1 to manufacture.

You can view the project page at <http://extreme.stanford.edu/projects/discoverdrip>

## EDUCATION

Bachelor's of Engineering, Information  
Technology

September 2012 — Present

Chaitanya Bharathi Institute of Technology

**Osmania University, Hyderabad, India**

Academic Score (till present) - **82.5%**

12th Grade

2010 — 2012

FIITJEE Junior College,

**Board of Intermediate Education Andhra Pradesh**

Academic Score - **90.5%**

10th Grade

2005 — 2010

Bharatiya Vidya Bhavan's Public School, Jubilee Hills, Hyderabad

**Central Board of Secondary Education**

Academic Score - **9.2/10** (CGPA)

## RELEVANT COURSEWORK

- Introduction to C and C++
- Data Structures using C and C++
- Discrete Mathematics
- Digital Electronics and Logic Design
- Micro Electronics
- Electrical Circuits and Machines
- Object Oriented Programming using Java
- Data Communications

- Computer Organization and Micro Processors
- Signals and Systems
- Web Technologies
- Digital Signal Processing
- Theory of Automata
- Operating Systems
- Managerial Economics and Accountancy
- Database Management Systems
- Software Engineering

## PROJECTS

- Project on **basic encryption and decryption of simple messages**,  
Dept. of Information Technology, CBIT (1/10/2013 – 1/12/2013)
- Project on **Android app development using Java**,  
Dept. of Information Technology, CBIT (20/1/2014 – 20/4/2014)
- Project on **Website development using Web Technologies**, CBIT  
Dept. of Information Technology, CBIT (20/7/2014 – 20/12/2014)

## ACCOMPLISHMENTS

- Ranked number 3 in 'B' Category at Junior Golf in India South Zone.
- Won the Kodai Golf Open in 2009 ('B' Category).
- Finished 3rd at the Coorg Junior Open (2009), Ooty Junior Open (2009), Hyderabad Junior Open (2012) Golf Championships.
- Photography ([www.facebook.com/var7photography/](http://www.facebook.com/var7photography/)).
- Video reviews of custom Android ROMS ([www.youtube.com/redpihd/](http://www.youtube.com/redpihd/)).
- Director of the ITU at CBITMUN 2013.
- Charge D'Affaires of CBITMUN 2014.
- Publicity team member of Carpe Diem, the biannual fest of CBIT.
- Represented Bharatiya Vidya Bhavan School in Cricket and Football.
- Represented CBIT in Football.
- Grade 3 western classical piano from Royal School of Music, London.
- Core team member, Google Student Club, CBIT.
- Design Head, Tecstasy 2014 (Departmental Fest), CBIT