

# Shyam Karthick Ravikumar

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## Objective

Accomplished high school senior looking for a stellar Engineering and Computer Science college education to pursue a career as a technology entrepreneur.

## Education

Lynbrook High School Aug. 2012 – Present

Expected to graduate in 2016; Located in San Jose, CA

Stanford Pre-Collegiate Summer Institute (Business & Entrepreneurship) Jul. 2015 – Aug. 2015

4-week residential summer program at Stanford University

## Work Experience

Harvard Innovation Labs – Research Intern Aug. 2015 – Present

I work directly under Mr. Jothi Periasamy, Chief Data Scientist at HIL. I conduct Data Science research, specifically into Big Data, and also partake in community-based Data Science Projects.

Bitkar, Inc. – Summer Intern Jun. 2015 – Jul. 2015

I helped Bitkar with the design of their website and mobile applications. I also consolidated their databases for easier back-end use, and expanded their product line with new features.

Jawaharlal Nehru Technological University – Electrolyzer Research Intern Dec. 2014 – Jan. 2015

I visited JNTU in Hyderabad, India, to conduct research in the efficiency of hydrogen production using a Proton Exchange Membrane Electrolysis with a carbon nanotube catalyst.

University of California San Francisco – Cancer Research Intern Jun. 2013 – Jul. 2013

This was a biotechnical internship in which I researched Glioblastoma Multiforme (GBM). I observed gene ties to the brain cancer, analyzing what genes affect GBM as well as the depth of the effect.

## Extracurricular Activities

Zilchdeals, Inc. – CEO/Co-Founder

Zilch is an E-coupons company I started during my junior year summer. Zilch partners with local grocery stores and their suppliers, and whenever a store's grocery items are near its sell-by date, Zilch pushes notifications about the items to the end consumer with discounts of up to 99%. I sold this company to Siva Systems for \$100,000 in December, 2015.

### Financial Trading

After years of virtual trading, I started to trade with real money into Futures markets during my senior year. With an initial investment of \$5,000, I have grown the money by \$1,900 (38%) within two months. I also take part in various stock market games, such as the UT Dallas SMG and DECA SMG.

Lynbrook DECA – VP (12), Director (11)

DECA is an international business and entrepreneurship club for high school and college students to learn about business and compete against each other in various events and competitions.

## Awards and Accolades

DECA Entrepreneurship Written Event – 3<sup>rd</sup> Place at ICDC Apr. 2015

AMC Math Competitions – AMC 12: 111 | AIME: 5 Feb. 2015

USA Computing Olympiad (USACO) – Gold Jan. 2015

DECA Financial Services Team Decision Making – 10<sup>th</sup> Place at ICDC Apr. 2014

AP Scholar with Distinction – 7 AP Exams Aug. 2015

National Commended Scholar – Score of 220/240 Aug. 2015

Tech Challenge – 1<sup>st</sup> Place Apr. 20