

Lakshay Akula

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EDUCATION

Harvey Mudd College - Claremont, CA Expected May 2017
Bachelor of Science in Mathematics and Computer Science
GPA: 3.59 Dean's List (all semesters) Robert Day Scholar (competitive leadership scholarship)
Courses: Data Structures, Computer Systems, Operations Research, Corporate Finance, Accounting
Awards: Runner-up at Accenture, Deloitte and RDS Case Competitions Top 750 Putnam Math Exam

EXPERIENCE

Business Intelligence Consultant, **West Monroe Partners** - Seattle, WA Jun 2016-Aug 2016

Data Analyst, **Los Angeles Mayor's Office** - Los Angeles, CA May 2015-Jul 2015
• Developed web tools improving transparency in City of Los Angeles' \$8 billion budget and legal code
• Implemented CompStat management policies in city departments and assisted in GIS training

Student Manager, **Lowe Institute of Political Economy** - Claremont, CA Feb 2014-Present
• Forecast the economy of the Inland Empire every quarter using Excel, MATLAB and STATA
• Present results to businesses and policymakers triannually at the UCLA-Anderson Conferences
• Manage and teach 20 research assistants as the student manager

File Systems Researcher, **Stony Brook University** - Stony Brook, NY Jun 2014-Aug 2014
• Developed server performance tests in Python to improve performance and energy efficiency in servers
• Studied benefits of different server configurations and new solid state drive technology
• Found hardware configurations which improved server performance by up to ten-fold

Astrophysics Researcher, **Boston University** - Boston, MA Jun 2012-Aug 2012
• Collaborated with a research team to analyze the magnetic activity of 25,000 M dwarf stars
• The research provided information on how magnetic fields are generated in stars
• Presented the results and conclusions at a Boston University presentation day

LEADERSHIP

Vice President, **Mudd Investment Fund** Sep 2013-Present
• Propose investments, manage our 70k portfolio and educate members about finance and investing
• Execute all limit and market orders and ensure that the portfolio is within margin limits

Mathematics Tutor, **Harvey Mudd College** Apr 2015-Present
• Tutor freshman and sophomore level courses including discrete mathematics and linear algebra
• Work with professors to develop course materials and improve the math department

Head of Campus Improvement, **Engineers for a Sustainable World** Sep 2013-Sep 2015
• Created a Harvey Mudd Green Fund to provide 500k in loans for on-campus sustainability projects
• Led installations of a cardboard baler and an electric vehicle charging station on-campus

SKILLS AND INTERESTS

Technical: C/C++, Java, Python, MATLAB, STATA, Microsoft Excel and PowerPoint, Git, Haskell, \LaTeX

Languages: Telugu (fluent), French (intermediate)

Interests and Causes: Rock Climbing, Tennis, Guitar, Coffee, Sustainability and Education