Rishub Kumar
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Computer Science, UCLA (Class of 2018)
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EDUCATION
- ✓ **University of California, Los Angeles**. **B.S. Computer Science** (Expected 2018) at the Henry Samueli School of Engineering Applied Science - **Deans Honor List for superior academic achievement in the Fall 2014 Quarter. Part of Alpha Lambda Delta Honor Society and the National Society of Collegiate Scholars**
- ✓ **Saratoga High School,** Graduated June 2014, Weighted GPA 4.3/4.0

PROGRAMMING SKILLS

- ✓ C++, Java, R, Python, HTML, CSS, and iOS programming with Swift

- ✓ Internships during Saratoga High School Senior Year:
  - Professor Pina, Santa Clara University
  - Dr. Kurillo, at Teleimmersion Lab, University of California, Berkeley

- ✓ Basic data types, operators and control structures. Input/Output. Procedural and data abstraction. Introduction to object-oriented software development. Functions, recursion. Arrays, strings, pointers. Abstract data types, object-oriented programming.

- ✓ Computer architecture, assembly language, and operating systems fundamentals. Number systems, machine language, and assembly language. Procedure calls, stacks, interrupts, and traps. Assemblers, linkers, and loaders. Operating systems concepts: processes and process management, input/output (I/O) programming, memory management, file systems.

- ✓ Hacker and Computer Geek – participated at Stanford University hackathon, Tech Challenge at Program of the

  Tech Museum, San Jose, Lego Robotics, MSET Club and more

ACTIVITIES

- ✓ UCLA Marching Band: Group performance of special band arrangements for football, basketball, and many other activities
- ✓ Eagle Scout, Troop 581, Saratoga (2013)
- ✓ Chair, Youth Programs at Saratoga Cares Foundation (2011-Present)

- ✓ Intern with Senator Jim Beall (March 2013-December 2013) - supporting community outreach programs, mobile district offices and Legislative Compliance Management solution

HIGHLIGHTS

- ✓ Part of the award-winning Saratoga High School marching band and performer at the Macy's Thanksgiving Day Parade in New York City in 2012

- ✓ Part of the Redwood Middle School band that performed at President Obama's Inauguration Day Parade, January 2009

WORK EXPERIENCE

Santa Clara University, Intern   **February 2013 –December 2013**
Intern with Professor Pina, Leavy School of Business, Santa Clara University
- Provided research assistance collecting 10 years of data on surfing scores; applying principles of statistics and probability

- Conducted statistical analysis and sorting
- Completed tutorial on the programming language R (used for statistical computation by statisticians to analyze data and develop software)

- The research analysis led Professor Pina and Gueorgui I. Kolev EDHEC Business School to work on a research paper "Feedback and Performance in Tournaments: Evidence from a Natural Experiment" that estimated the casual effect of absolute feedback on surfing performance

University of California, Berkeley, Intern   **November 2013 – December 2013**
Intern with Dr. Gregorij Kurillo, Research Engineer at Teleimmersion Lab
- Worked with Dr.Kurillo by segmenting audio recordings of a live exercise session
- Helped build an automated exercise software for elderly