Rohan Varma

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EDUCATION

UCLA
COMPUTER SCIENCE & ENGINEERING
September 2015-June 2019 | Los Angeles, CA
Regents Scholar
HHMI Undergraduate Research Scholar

EVERGREEN VALLEY
HIGH SCHOOL
May 2015 | San Jose, CA
Cum. GPA: 4.42
Class Valedictorian
National Honor Society

LINKS

Github:// **rohan-varma**
LinkedIn:// **varmarohan**
Quora:// **Rohan-Varma-8**
TopCoder:// **rvarm1**

COURSEWORK

TECHNICAL
Introduction to Computer Science in C++
Electrical Engineering Research Methods
JavaScript for Programmers
Interim Software Design

TESTS
AP Computer Science | 5
AP Calculus BC | 5
AP Statistics | 5
AP Physics C: Mech | 5
AP Physics C: E&M | 5
AMC: 110
USACO Silver
ACT: 36
Math 2: 800

SKILLS

PROGRAMMING
Experienced:
Java • Python
Matlab • C++ • LaTeX
Familiar:
JavaScript • Swift • MySQL
Other:
Node.js • iOS • Android

EXPERIENCE

OZCAN RESEARCH LAB | UNDERGRADUATE RESEARCHER
October 2015- | UCLA
- My project, under the guidance of Dr. Koydemir, concerns the detection of Giardia Lamblia bacteria through image processing and machine learning.
- My responsibilities involve setting up a smartphone camera, LEDs, and a diffuser to capture images of a sample. In addition, my work concerns stitching and processing captured images in Matlab, labelling data to train algorithms, and using machine learning algorithms to label bacteria.

SAAMA TECHNOLOGIES | DATA SCIENCE INTERN
June 2014-August 2014 | San Jose, CA
- Learned Python, Java, and MySQL
- My project involved analyzing local hospital and county health data and building an API to retrieve data in json formats.
- Possible applications: Future use for hospitals to better understand patients.
- Demonstrated and presented final product to a team of engineers.

CODE U CAN ORGANIZATION | PROGRAM LEADER & INSTRUCTOR
August 2014-May 2015 | San Jose, CA
- Organization aims to introduce CS to young students.
- Teaching Java and OOP classes at library.
- Organization website: codeucan.com.

PROJECTS

RSS WEBSITE | FULLSTACK DEVELOPER
September 2015- | rssla.org
- Part of a team web developers who maintains and improves the website for UCLA's Regents Scholar Society. I work with languages such as JavaScript, PHP, and the Node.js framework.

MUSIC HISTORY WEB APP | FULL-STACK DEVELOPER
October 2015 | Calhacks
- At the Calhacks hackathon, I was the lead developer for an app that allows users through browse through various years and discover what music was popular.

FOODIES ANDROID APP | BACK-END DEVELOPER
February 2015 | HSHacks
- The foodies app attempts to allow users to conveniently store and access lists of their favorite foods from various restaurants.

AWARDS

Year		
2014	NHS	National Honor Society
2014	Regents Scholarship	UCSB, UCLA, UCI, UCSD, UCD
2014	AP Scholar with Distinction	Collegeboard
2013	AIME	AIME Test Qualfier
2013	USACO	USACO Silver Level programmer
2013	USCF	Calchess State Championships, 3rd place
2013	USCF	Team Amateur West, 1st place team