

Varun Shenoy

varunshenoy.com ◻ (408) 478-5682 ◻ varun.inquiry@gmail.com

EDUCATION

Cupertino High School, Cupertino, CA Ex. June 2019
GPA: 3.97 U/W, 4.22 W
Relevant Coursework: AP Calculus BC, AP Chemistry, AP Computer Science A
President of Entrepreneurship Club
Competitions Officer for Cupertino FBLA Chapter (Leading 250+ Students in Competitions)

EXPERIENCE

Palo Alto Veterans Affairs Hospital, Palo Alto, CA June 2017 - Present
Data Scientist

Developing deep learning algorithms to identify conditions in a postoperative wound only using image data. Collaborating with researchers from Stanford University, WUSTL, and the VA Hospital to collect and analyze images.

Techlab Education, Saratoga, CA June 2016 – Aug. 2016
iOS Curriculum Developer

Designed comprehensive iOS development curriculum for middle and high school students. Created a detailed guide to the Swift programming language and tutorials for twelve simple apps using different Apple APIs.

Boy Scouts of America Troop 407, Cupertino, CA June 2013 – Present
Member of Troop Youth Leadership Team

Current Life Scout in Troop 407 from Cupertino with over 40 merit badges, from Fishing to Electronics. Inducted into the Order of the Arrow, the Boy Scout honor society.

PUBLICATIONS AND CONFERENCES

Deepwound: Automated Postoperative Wound Assessment and Surgical Site Surveillance through Convolutional Neural Networks

Surgical Infection Society Annual Meeting (2018)

- Oral presentation accepted for abstract at a TBD session
- 1st Author

Utilizing Smartphone Based Machine Learning in Medical Monitor Data Collection: Seven Segment Digit Recognition

Proceedings of the American Medical Informatics Association Annual Symposium (2017)

- Oral presentation accepted for full paper at the “Mobile Apps for Health” session
- 1st Author; Publication pending on PubMed.

HONORS AND RECOGNITIONS

Recognized as a “Young Innovator to Watch” at CES, *Living in Digital Times* Jan. 2018
2nd Place for Mobile App Development at National Conference, *FBLA-PBL, Inc.* July 2017
WWDC Scholarship 2017, *Apple Inc.* June 2017
1st Place for Mobile App Development at State Conference, *California FBLA* Apr. 2017
Best Use of Redis and Healthcare Datasets, *HSHacks III* June 2017
Congressional App Challenge Overall Winner, *CA-17 Congressional District* Feb. 2017
Global Oncology & IBM Grand Prize, *Stanford Health++ Hackathon* Nov. 2016
WWDC Scholarship 2016, *Apple Inc.* June 2016
1st Place for Game Programming at State Conference, *California FBLA* Apr. 2016

SKILLS

Development: Apple SDK with Swift, HTML, CSS, Javascript, NodeJS, Git, Firebase, Java
Research: Python, OpenCV, Keras, Scikit Learn, Matplotlib, AWS EC2, AWS Lambda
Other: Sketch, Final Cut Pro, Unity3D with C#, Microsoft Office, Project Management