

Varun Singh

vsingh.net ••• varun@vsingh.net ••• 650 269 1628
Github: VarunS1997

Education

- University of California: Irvine (2016 – Present) (Current GPA: 3.795)
 - Bachelors of Science in Computer Science and Engineering, intending to pursue a dual Bachelors of Science in Nuerobiology
 - Dean’s List for 3 quarters
- Stanford University High School Summer College (2015)

Skills

- Full stack developer proficient in HTML, XML, CSS, JS, PHP, SQL/MySQL; with additional fluency in C, C++, Java, MATLAB, and Python
 - Trained in algorithm analysis, data structures, network administration, system administration, and robotics software
 - Experienced in employing AJAX and JQuery based solutions
- Well versed in version control software, such as Git and SVN
- Training in image processing and relevant software including Photoshop and Illustrator
- Fluent in Hindi with a California Seal of Biliteracy in Mandarin
- Certified in First Aid and CPR

Work Experience

- Member of Dr. Sabee Molloi’s Research Lab in the UCI School of Medicine (2016 – 2017)
 - Primarily focused on CT scanner image processing and figure rendering
- Sole Webmaster of <http://www.egschools.com> (2014 – Present)
 - Responsible for full-stack development and product realization under company founder
- Sole Webmaster for <http://www.clubs.uci.edu/wushuclub/> (2016 – Present)
 - Responsible for site maintenance and tournament technical details, employing PHP and MySQL based solutions
- Started the “Visualizer Project” (Temporarily down for maintenance) (2016 – Present)
 - The Visualizers are a series of open-source, JS-powered projects designed to help students visualize difficult concepts in STEM fields
- Organized and taught a free course for Gunn students to learn full-stack web development at a professional level (2016)

Hobbies/Misc.

- Black Belt in Wushu/Kung Fu with over 20 national-level Martial Arts Awards
 - Currently a member of UCI Wushu’s A Team (Advanced Team) and Internal Vice President of the UCI Wushu Club
- Frequent participant in Hackathons including Hack UCI and LA Hacks