### Ravi Sheth

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| *Education* | **University of California, San Diego**  Expected Graduation: June 2020  Intended Major: Computer Science  Relevant Classes: CSE 11, CSE 20, CSE 12, CSE 15L, CSE 30, Math 20C, Math 18, CSE 21 |
| **Coding Experience** | Participant in BaseHacks Hackthon  Know how to code in basic:   * Java/Android Java * Go * HTML/CSS/Javascript * C * SPARC Assembly   Proficiency in using Microsoft Office 365 |
| **Projects** | Complex calculator   * Computed different operations using complex numbers * Added functionality that exceeded that of a graphing calculator * Methods like: root, powers, trig functions (sinh, coth, asinh,acoth), logs, polar conversions   Simulations of different mathematical problems   * Monte Carlo problem * Birthday problem/paradox * Sorting algorithms ( merge, quick, bubble, insertion, selection, heap)   Data Structures (wrote data structures from scratch)   * Linked list (doubly, singly w/without tails) * Stacks * Queues * Heaps   Personal Website   * Used vagrant environment to build to learn about containers/port forwarding * Basic server side scripting written in Golang * Used bootstrap and color schemes to build a website with minimalist feel |
| *Extra-Curricular Activities* Summer 2015  2014-2016 | Global Glimpse Esteli, Nicaragua   * Directed trip to local market * Taught locals English: had to overcome language barrier * Used methods other than talking to properly teach the right concepts   IHS Programming [Computer Science Club]:   * Speakers from different companies: Innovation Minds, Dolby * Learned the basics of coding |
| ***Volunteering***  Summer 2015 | ASA Computers   * 1 day workshop to learn * Was taught different components of computers / functions Mountain View, CA |
| ***Work Experience***  Present | Tutor/Educator San Diego, CA   * Supplemental teachings to those of the professor * Individually recognize what is being asked and break question down to essential parts |
| *Additional* ***Information*** | * Read and write fluently in English, Hindi and Gujarati (native speaker) and working knowledge in Spanish |