

Mitchell Topete

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Education

|| University of California, San Diego – La Jolla, CA

Computer Science; Fall 2014 – Present (3.3 GPA)

- Current coursework focus: Advanced Data Structures, Algorithms, Probability and Statistics
- Warren College, Spring 2017 expected graduation

|| East Los Angeles College – Monterey Park, CA

Computer Science/Mathematics; Spring 2010 – Spring 2014 (3.5 GPA)

- Obtained AA in Mathematics
- Transfer GPA: 3.5

Experience

|| Pacific Gas & Electric (PG&E) – San Francisco, CA

IT Security Operations – Student Intern: June 2015-August 2015

- Facilitated operations as **project manager** for compliance attestation across multiple internal and confidential PG&E IT security systems
- Developed multi-phase project plan for continuous improvement project and coordinated efforts to ensure compliance across multiple entities

|| Space and Naval Warfare Systems Command (SPAWAR) – San Diego, CA

Software Engineer – Student Intern: June 2014-August 2014

- Designed framework for State Space modeling of ship traffic using Automated Identification System (AIS) data in Matlab.
- Created a network of ship traffic highways using static data by applying clustering algorithms and intuitive route creation techniques.

|| NASA – Jet Propulsion Laboratory – Pasadena, CA

Software Engineer – Student Intern: June 2012-August 2012

- Developed complete redesign and overhaul of Quality Assurance section parent website using HTML, CSS, JQuery, AJAX, and JavaScript programming languages.
- Maintained and streamlined backend database structure and implementation using SQL and Coldfusion.

|| East Los Angeles College Math Department – Monterey Park, CA

Supplemental Instructor (SI Coach): Spring 2011-Spring 2014, C++/Calculus

- Functioned as an in-classroom aide to the professor and acted as a secondary resource during lab hours.
- Held office hours for students requiring one-on-one attention as well as coaching hours open to all students in the subject. SI Coached for Pre-calculus, C++ Object Oriented Programming.

Skills & Proficiencies

- **C, C++, Java, Matlab, jQuery, SQL, ColdFusion, Verilog Linux, VIM, GDB, JDB, Valgrind, GIT, HTML, CSS, Javascript**

Relevant Coursework

- Basic/Advanced Data Structures, Systems Programming (SPARC assembly), Digital Systems, Math/Algorithm & Systems Analysis, Discrete Mathematics, Probability and Statistics, Software Engineering Principles

Achievements and Activities

- HENAAC Great Minds in STEM Scholarship recipient 2015
- Hispanic Scholarship Fund Scholarship recipient 2015
- Active member of the SHPE UCSD Chapter
- Associates in Arts, Mathematics, East Los Angeles College (June 2014)
- President, Secretary and founding member of the Computer Science and Engineering Club, a project-focused organization providing tutoring services for students. (Fall 2012 – Spring 2014)