

George Tirebiter

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OBJECTIVE

To obtain a challenging and rewarding entry-level position at an organization offering diverse job responsibilities that will use my ability to integrate people and technology to maximize productivity.

EDUCATION

University of Southern California, Los Angeles, CA May 2018

- Bachelor of Science Industrial & Systems Engineering, GPA: 3.32

Mesa College, San Diego, CA August 2015 – May 2016

- General Engineering

Purdue University, West Lafayette, IN August 2014– May 2015

- First-Year Engineering/Mechanical Engineering
- Presidential Scholarship Award - \$28,000 total
- Alpha Lambda Delta, Phi Eta Sigma – GPA > 3.5

PROFESSIONAL EXPERIENCE

Naval Research Enterprise Intern Program (NREIP) June 2015 – August 2015

Engineer Intern, San Diego, CA – Clearance Level: Secret

- Helped design and construct deployable surveillance system consisting of sensors (transducers) capable of monitoring underwater activity
- Conducted multiple land and ocean tests to determine methods for safe system deployment without compromising component functions
- Improved design and efficiency of overall system by evaluating each individual component including the accumulator box, engine, converter, and electronics

SPAWAR Systems Center Pacific May 2014 – August 2014

Engineer Intern, San Diego, CA

- Assisted Chief Project Engineer with testing amphibious mechanical devices in sea operations, at San Clemente Island and other advanced development demonstrations
- Gained hands-on experience with the assembly of undersea arrays and acoustic hydrophones and helped engineers diagnose component malfunctions
- Worked to formulate solution for power supply design flaw which required research on the latest renewable energy technologies including fuel cells

QinetiQ North America (QNA) June 2013 – September 2013

Systems Analyst/Engineer Intern, San Diego, CA

- Analyzed information systems and process flows to develop flowcharts with Microsoft Visio to be used as templates for establishing Standard Operating Procedures (SOP)
- Organized and compiled data to be posted on the Systems Engineering and Integration Division (SEID) home site, as well as QNA server
- Examined each step of the SETR process flowchart and modified entrance and exit criteria to enhance user ability to understand the procedure

CORE TECHNOLOGIES

Platforms

- Linux, UNIX, Microsoft Windows , Mac OS X

Applications

- MySQL, Microsoft Access, Matlab, C Programming, Oracle, MS Office Professional

Tools

- Apache, Tomcat, CPPUNIT, GIT

LEADERSHIP

Involvement

- *President*, American Society for Quality, USC Chapter August 2016 – Present
 - Served as the liaison between the chapter and university
- *Member*, Sigma Chi Fraternity, Alpha Upsilon Chapter August 2016 – Present
 - Helped raise over \$125,000 for Children's Miracle Network