

KEELEANA PECK

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EDUCATION

CALIFORNIA POLYTECHNIC STATE UNIVERSITY
Bachelor of Science in Biomedical Engineering, GPA: 3.1
Minor in Computer Science

San Luis Obispo, CA
Sept 2011 – June 2016

SKILLS

LANGUAGES: Java, C, C#, Python, Swift, Fortran, HTML

APPLICATIONS: MATLAB, Visual Studio, Arduino IDE, LabVIEW, PTC Creo, Minitab, Microsoft Office

PROFESSIONAL: Software Development, Multidisciplinary Teamwork, Technical Writing, Public Speaking, Leadership, Customer Service/Relations, Teaching, Handling of Confidential Information, Laser Welding

WORK EXPERIENCE

RAYTHEON VISION SYSTEMS

Software Engineer I

Goleta, CA
June 2016 - Present

CALIFORNIA POLYTECHNIC STATE UNIVERSITY

Lab Assistant, Computer Science Department

San Luis Obispo, CA
April – June 2016

- Assisted in exposing over 60 first-year computer science and computer engineering students to data structures and analysis of algorithms

Lab Assistant, Biomedical Engineering Department

Jan – June 2014

- Exposed students to MATLAB and aided their understanding of MATLAB's software and capabilities

TECHNISCHE UNIVERSITÄT DORTMUND

Research Intern

Dortmund, Germany
June - Sept 2015

- Implemented a coupled, time dependent, three-dimensional, eight-node brick element for poro-elastic material behavior in a MATLAB environment and enhanced a ParaView interface for data post processing

ST. JUDE MEDICAL, INC.

Manufacturing Engineering, Co-Op

Sylmar, CA
June – Dec 2014

- Assisted in the transference of manufacturing operations of a new acquisition, Nanostim, including drafting manufacturing tools, updating procedural documents and creating engineering change orders (ECO's)
- Ensured compliance with FDA/GMP requirements for production through remediation efforts, including validation and verification activities
- Balanced multiple projects with different customers and deadlines
- Communicated across teams of engineers, specialists and operators in locations across the globe

PROJECT EXPERIENCE

USER-CUSTOMIZABLE LIGHT FIXTURE FOR SLEEP HEALTH

Team Lead, Biomedical Engineering Senior Design

Jan – June 2016

LOCALIZATION DEVICE FOR CATHETER INSERTION

Software Team Lead, Cal Poly Team Tech sponsored by St. Jude Medical

Sept 2015 – June 2016

DAQ SYSTEM FOR LEAD FATIGUE LIFE

Team Member, Cal Poly MEDITEC sponsored by St. Jude Medical

Jan 2015 – June 2016

NON-SLIP NAVIGATION SUBSYSTEM

Team Member, Cal Poly Team Tech sponsored by Walt Disney Imagineering

Sept 2013 – June 2014

LEADERSHIP EXPERIENCE

COLLEGE OF ENGINEERING AMBASSADORS

President
Treasurer

June 2015 – June 2016
June 2014 – June 2015

SOCIETY OF WOMEN ENGINEERS, CAL POLY SECTION

Vice-President of Public Relations
Webmaster

June 2015 – June 2016
June 2014 – June 2016