

NICHOLAS SWEETING

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OBJECTIVE

To obtain an engineering position that utilizes my previous work knowledge and disciplined work ethic to benefit your company and further develop my professional skills

SUMMARY OF QUALIFICATIONS

- **Software Competencies:** Microsoft Word, Microsoft Excel, Microsoft Powerpoint, Programming in Matlab, CAD in SolidWorks
- Work experience in customer service and technical support

EDUCATION

University of California, Santa Barbara	Santa Barbara, California
Bachelor of Science in Mechanical Engineering	Expected: June 2017
<ul style="list-style-type: none">▪ Cumulative GPA: 3.22/4.0▪ Relevant Coursework: Mechanical Design, Dynamics, Fluid Mechanics, Thermosciences, Structure of Materials, Vibrations, Structural Analysis, Machining, Additive Manufacturing	

WORK & LEADERSHIP EXPERIENCE

Banquet and Special Event Server	Goleta, California
Bacara Resort and Spa	June 2016 – Present
<ul style="list-style-type: none">▪ Formally greeted guests as they arrived and directed them to their corresponding seats▪ Prepared and served cuisine in a synchronized fashion, tailored to the liking of the customers▪ Cleaned after each meal course and provided customer service to any guest questions	
Outside Services Advisor	Goleta, California
Glen Annie Golf Club	March 2015 – October 2015
<ul style="list-style-type: none">▪ Directed arriving guests and provided transportation as well as other customer services▪ Performed maintenance on golf course, driving range, golf carts and golf clubs▪ Assisted with weekly tournaments hosted by Glen Annie Golf Course	

ACADEMIC PROJECTS

Senior Design Project (Sponsored by Northrop Grumman), Technical Writer, UCSB	October 2016 – Present
<ul style="list-style-type: none">▪ Design and manufacture an apparatus to measure the thermal resistance of various heat transfer devices▪ Lead technical writing in project plans and prepare PowerPoint slides for advisors each week▪ Prototype and optimize designs to ensure accuracy and repeatability of thermal resistance measurements	
Mechanical Design Project, UCSB	March 2016 – June 2016
<ul style="list-style-type: none">▪ Creatively designed and manufactured a device to efficiently pull lane lines across a completion pool in a team▪ Reduced the set up time to pull lane lines across the pool by more than 60%	
Mathematics of Engineering Final Project, UCSB	March 2015 – June 2015
<ul style="list-style-type: none">▪ Coded a MATLAB program that simulated the effects of a dangerous oil spill in the ocean and determined which nearby beaches should be closed based on oil concentration▪ Predicted oil concentrations from program were within 2% of given oil concentrations	
Machine Shop Project, UCSB	September 2014 – December 2014
<ul style="list-style-type: none">▪ Used drawing schematics for compressed air motor to ensure parts would fit within tolerance range▪ Machined parts using common machine shop processes in order to assemble compressed air motor▪ Dimensions were within 1% of required parameters▪ Motor successfully performed within 5% of required operating speed	

OTHER ACTIVITIES

UCSB American Society of Mechanical Engineers	October 2015 – Present
Member	
UCSB Engineering Without Borders	October 2014 – Present
Member	
UCSB Sigma Phi Epsilon Fraternity	March 2014 – Present
Member	