

AbdulRahman Abughazala

•Linked-in: [linkedin.com/in/arabughazala](https://www.linkedin.com/in/arabughazala) •Phone: 765-702-3774 • E-Mail: AbughazalaEng@gmail.com

Education

California State University, Chico
Bachelor of Science in Mechatronic Engineering Major,
Computer Engineering Minor

Graduation Date: May 2019

Engineering Experience

PepsiCo – Saudi Snack Foods Co. Ltd.

July 5 ,2017 - August 22 ,2017

-Engineering Intern

- Worked under supervision of Mechanical, Electrical and Mechatronic Engineers to maintain working conditions of machines.
- Tasked to create a project to improve machine and factory efficiency.
- Implemented industrial and machine safety training.

SAE Formula Electric Competition Team

2016 - Present

-Power Train System leader

- Power Train system consists of all electrical components such as schematics, wiring, power distribution, monitoring system, and ECU.
- Coordinated meetings for project development
- Demonstrated a positive environment for team input
- Assigned weekly tasks for team members for team and personal development

-Aerodynamics & Body works Sub-Team

- Researched possible implementation of PLA Plastic for Bodywork

ASCE Mid Pacific Conference

2014 - 2016

-Steel Bridge Competition Team

- Responsible for machining and welding assistance

-Concrete Canoe Competition Team

- Worked closely with Mix Design R&D Leader
- Mix Design R&D Leader
 - Achieved a mix design that can float a concrete canoe on water

2014 - 2015

2015 - 2016

SEEH – Sustainable & Environmental Health for Development

2014 - 2016

-Designed a more effective mold for production of clay water filters for use in 3rd world countries

Mechanical Keyboard Club

2016 - Present

-Designed, Built, and wired my personal Mechanical Keyboard

Peanut Butter Jar Sorter Project

Fall 2016

-Designed, programmed and built a machine that can identify errors within the lid assembly production line

Skills

Languages: Fluent in English and Arabic, both Oral and Written

Great Working Knowledge of:

- SOLIDWORKS •Microsoft Office Suite •Ladder Logic •Lab View
 - Autodesk: Inventor •C/C++ •Welding •3D Printing •Autodesk: Revit
 - Embedded Systems experience: TI TIVA Launchpad •Arduino •LT Spice
- Self-Taught Proficiency in building and maintaining computer systems
- Assembled parts and built personal computers for others
- Assembled and Adjusted 3D printer Kit

Volunteer Work

CAVE - Community Action Volunteers in Education

Spring 2015
San Francisco

-Golden Gate National Parks Conservancy

- Removed Localized infestations of invasive plants

SME – Society of Manufacturing Engineers

Fall 2017

-Lectured 4 different classes of 175 Elementary, Middle and Highschool Students about Robotics and Automation.