

Fernando Chavez

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OBJECTIVE

Dedicated and detail-oriented engineering student with 1 year experience in MEP engineering who thrives in a fast-paced environment and is seeking a full time position as a Mechanical Engineer for a company that will better my future and career in the engineering field.

SKILLS

- Bilingual: Fluent in Spanish and English
 - Experienced in AutoCAD and Autodesk Revit
 - Experienced in Microsoft
 - Detail Oriented
 - Goal Oriented
 - Productive as member of a team or individually
 - Strong written and verbal communication skills
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EDUCATION

The University of Texas at San Antonio

Graduation: May 2020

Bachelor of Science in Mechanical Engineering

The University of Texas at San Antonio

PROFESSIONAL EXPERIENCE

Wallis Engineering Group – August 2019 – Present

San Antonio, TX– Mechanical Engineering Intern

Job Responsibilities

- Used manuals given to me to perform calculations regarding lighting in certain areas of schools.
 - Gained experience in AutoCAD as well as Microsoft Excel in order to help with certain tasks given to me.
 - Gained experience on Autodesk Revit in order to compute given tasks regarding information on school systems.
 - Assigned with the task of sketching the lighting systems for the new high school "Galm Rd. High School". Calculated all the "Daylight Zones" for the school in order for it to be clear to the electricians on how much wattage should be projected in those areas.
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STUDENT INVOLVMENT

- ASHRAE, UTSA Chapter-Social Media Director Present
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HONORS

- Dean's List Spring 2016
 - Honor Roll Fall 2017
 - Perfect Attendance Kindergarten-12th
 - Varsity Orchestra 6th-12th
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PROJECTS

Mechatronic Hand– (Spring 2019)

- Learned and helped write Arduino code for each task as well as the hardware setups using various types of sensors.
- Designed a mechatronic hand capable of performing three tasks including: playing rock paper scissors, doing a thumbs up gesture, and being able to hold a cup.

Heat and Electrical Stimulation Sleeve for UCL Recovery– (Fall 2019)

- Senior Design project with the goal of creating an elbow sleeve that provides both Heat and Neuromuscular Electrical Stimulation (NMES) therapy to aid in the recovery of the Ulnar Collateral Ligament (UCL) for

athletes between practice.