

John Brea McWhirter

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SKILLS C++ | HTML | CSS | JAVASCRIPT | MICROSOFT | PYTHON

EDUCATION

Texas A&M University, College Station, Texas, *Computer Engineering* August 2020 – May 2023
GPA: 3.682 *Relevant Courses: Machine Learning, Electronics*

South Plains College, Levelland, Texas, *Pre-Engineering* August 2018 – December 2019

Blinn College, College Station, Texas, *Pre-Engineering* January 2020 – August 2020

EXPERIENCE

B&D McWhirter Farms, Plains, TX

Farm Hand October 2012 – Present

- Image crops circles via DJI Phantom 4 Pro to identify weed emergence and irrigation concerns
- Use Climate FieldView to map fields to experiment with and predict product yield
- Operate and troubleshoot all farm machinery (ATVs, forklifts, tractors, spray rigs and pivots)
- Work with chemical application imperative to crop production
- Endure unpredictable work hours and volatile schedule

Camp Timberline, Estes Park, Colorado

Ropes Counselor May 2021 – July 2021

- Fostered a healthy Christian environment for children ages 6-17
- Obtained certification in Wilderness First Aid (WFA) and Cardiopulmonary Resuscitation (CPR)

National Aeronautics and Space Administration (NASA), Cleveland, Ohio

NASA Community College Aerospace Scholar (NCAS) September 2019

- Selected to participate in an online course and exclusive trip to Glenn Research Center
- Designed, programmed, and marketed a rover with a group of students from around the country

South Plains College (SPC) Campus Ambassador, Levelland, Texas June 2019 – December 2019

Ambassador

- Represented SPC in interviews, commercials, campus tours, publication, and graduation ceremonies
- Recorded footage of campus for television commercial with drone

SPC Math & Engineering Dept.

August 2018 – December 2019

Math Tutor

- Utilized interpersonal skills to tutor and encourage students from a variety of cultural backgrounds

UIL Invitational Speech Competition

Judge

March 2019

- Judged and ranked student competitors of informative speaking, poetry and prose
- Evaluated eye contact, clarity, emotion, relevance, relatability and originality

ORGANIZATIONS

Aggie Men's Club

Member

September 2021 - Present

- Participate in an organization based in Christian values for students enrolled at Texas A&M
- Volunteer at meal distributions and Fall Festival with REACH Project