TROY FULTON

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https://troy-fulton.github.io/ePortfolio/

EDUCATION

Texas A&M University, College Station, TX   May 2020
Bachelor of Science in Computer Science   **GPR: 4.0**
  Minor in Mathematics and Embedded Systems Integration

WORK EXPERIENCE

Engineering Academic and Student Affairs at Texas A&M University, College Station, TX   August 2017 - Present
ENGR 111 Peer Teacher (2016) and Peer Teaching Supervisor (2017)
- Foster engineering mindsets and mentored freshman-level engineers to think algorithmically 10-20 hours per week
- Continued to motivate my students and peers as supervisor in 2017 by leading weekly organizational meetings

Office Depot Office Max, Oak Ridge North, TX   May 2017 - August 2017
Retail Sales Consultant
- Promoted customer service and sales of insurance bundles on home and office supplies and technology part-time

RESEARCH

Aggie Challenge, Texas A&M University   January 2017 - May 2017
World Design Team Member- SpaceCRAFT, A Virtual Reality 'Sandbox'
- Responsible for designing systems for Virtual Reality Platform for use in global cooperation and presenting to sponsors
- Experiment in UNREAL Engine, using C++ in Visual Studios when necessary and communicate findings through OneNote

RELEVANT COURSEWORK & EXPERIENCE

Honors Foundations of Engineering (ENGR 111 & 112), Texas A&M University   Fall 2016 - Spring 2017
- Solve challenging engineering problems by coding solutions in Matlab and submitting through Cody Coursework
- Work in teams of 4 and 6 to build and program robots and communicate findings to peers and professors
- Manipulate data and simple data structures in Excel, LabVIEW, and Matlab

Fall 2017: Honors Discrete Structures of Computing, Honors Intro to Program Design (C++), Intro to Computing
Spring 2018: Honors Data Structures and Algorithms, Computer Organization, and Programming Languages

ACTIVITIES

Honors Housing Community, Texas A&M University Honors Programs   August 2016 - Present
Honors Family Member
- Collaboratively discuss professionalism and academics with group of 10 University Honors freshmen weekly

SKILLS

- Proficient in Microsoft Visual Studios (Visual C++), Excel, OneNote, PowerPoint, Word
- Moderately proficient programming in Matlab, C++, Haskell, and C
- Moderate knowledge of Java (self-taught), UNREAL Engine, and LabVIEW

HONORS

Dean's Honor Roll, Dwight Look College of Engineering   Fall and Spring 2017
Trumpet Soloist and Performer, Texas A&M University Wind Symphony   August 2016 – Present
Pride Plaque Scholarship, The Woodlands College Park High School   June 2016

SERVICE

The Big Event, College Station, TX   March 2017 and 2018
Volunteer (2017) and Leader (2018)
- Participated in Texas A&M University's community-wide public service project for the Bryan-College Station Area
- Coordinated a group of friends in the Wind Symphony in providing more service in March 2018