

TROY FULTON

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EDUCATION

Texas A&M University, College Station, TX
Bachelor of Science in Computer Science
Minor in Embedded Systems Integration and Cybersecurity (Interdisciplinary)

May 2020
GPR: 4.0

WORK EXPERIENCE

Lockheed Martin Enterprise Business Services, Grand Prairie, TX

May 2018 - August 2018

Applications Intern

- Supported corporate operations in areas such as Accounting and Production Operations by optimizing daily processes
- Pioneered solutions in SAP HANA Extended Services to be used as web development tools for several database purposes
- Applied knowledge of SQL and RDBMS to JavaScript, as well as web scraping in Python and beginner forecasting in R

Engineering Academic and Student Affairs at Texas A&M University, College Station, TX

August 2017 - Present

Peer Teacher (2017-2018) and Supervisory Peer Teacher (2018-Present)

- Foster engineering mindsets and mentored freshman-level engineers to think algorithmically 10-20 hours per week
- Continue to motivate my students and peers as supervisor by leading weekly organizational meetings as of Spring 2018

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 to team members

ACTIVITIES

Texas A&M University Wind Symphony, Texas A&M University

August 2016 – Present

Trumpet Player and Soloist

- Rehearse and perform with the highest-ranking wind band at Texas A&M University for 5 hours a week

Honors Housing Community, Texas A&M University Honors Programs

August 2016 – May 2017

Honors Family Member

- Collaboratively discussed professionalism and academics with group of 10 University Honors freshmen weekly

SKILLS

- Proficient in C++/C and Visual C++/C, C, Python, as well as MS Visual Studio, Multisim, and x86/ARM/MIPS assembly
- Moderately proficient programming in Java, MATLAB, Haskell, Verilog HDL, and R, and Arduino programming
- Moderate knowledge of UNREAL Engine, LabVIEW, Vivado, and SolidWorks (self-taught)

HONORS

"Runner-up" Smartcar API Integration Award, TAMUHack 2019 via Smartcar

January 2019

Dean's Excellence Award Finalist, Phi Kappa Phi- Texas A&M University Chapter

October 2018

IAP Scholarship, Texas A&M University Industrial Affiliates Program

June 2018

SERVICE

The Big Event, College Station, TX

March 2017, 2018, 2019

Volunteer (2017) and Leader (2018, 2019)

- 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 additional service in March 2018