

TROY FULTON

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EDUCATION

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

WORK EXPERIENCE

Lockheed Martin Enterprise Business Services , Grand Prairie, TX	May 2018 - August 2018
<i>Applications Intern</i>	
<ul style="list-style-type: none">Supported corporate operations in areas such as Accounting and Production Operations by optimizing daily processesPioneered solutions in SAP HANA Extended Services to be used as web development tools for several database purposesApplied 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
<i>Peer Teacher (2017-2018) and Supervisory Peer Teacher (2018-Present)</i>	
<ul style="list-style-type: none">Foster engineering mindsets and mentored freshman-level engineers to think algorithmically 10-20 hours per weekContinue 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
<i>World Design Team Member- SpaceCRAFT, A Virtual Reality ‘Sandbox’</i>	
<ul style="list-style-type: none">Responsible for designing systems for Virtual Reality Platform for use in global cooperation and presenting to sponsorsExperiment 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
<i>Trumpet Player and Soloist</i>	
<ul style="list-style-type: none">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
<i>Honors Family Member</i>	
<ul style="list-style-type: none">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, Haksell, 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
<i>Volunteer (2017) and Leader (2018, 2019)</i>	
<ul style="list-style-type: none">Participated in Texas A&M University’s community-wide public service project for the Bryan-College Station AreaCoordinated a group of friends in the Wind Symphony in providing additional service in March 2018	