

# TRINITY MERRELL

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**OBJECTIVE |** Seeking internship in the field of Computer Science and Software Engineering.

**SUMMARY |**

- Experience in 3D and 2D graphics, program design, and the engineering process
- International experience and cultural immersion
- Extensive leadership experience
- Lab research experience

**EDUCATION |** **Rose-Hulman Institute of Technology**, Terre-Haute, IN **May '19**  
**Bachelor of Science**  
Double Major: International Computer Science and Software Engineering  
Status: Sophomore Current: 3.54/4.00 GPA

**Incirlik Unit School**, Incirlik Air Base, Turkey **June '15**  
Valedictorian w/ Academic Honors Graduated: 4.23/4.00 GPA  
Vice President - Senior Class, Honors President – Future Educators Association,  
President – Keystone, President – Future Business Leaders of America

**SKILLS |** Java, C, Git, SQL, Ruby, PHP, HTML, Javascript, Maple, Android Studio, Adobe Creative Suite, Blender 3D Creation Suite, Autodesk Suite, Linux, Mac OS, Windows

**INTERNSHIP |** **Rose-Hulman Ventures** **May '16 – Present**  
Terre-Haute, IN

- Developed Google Glass application utilizing QR code processing and Bluetooth communication with industrial process automation equipment
- Worked with team to effectively communicate with client and develop product to their satisfaction

**LEADERSHIP |** **CSSE Teaching Assistant** Rose-Hulman Institute of Technology **November '16 – Present**  
Terre-Haute, IN

- Assisted in the education of students in topics regarding object-oriented software development
- Interacted with peers on an educational level and acted as a mentor

**Junior Sciences and Humanities Regional and National Symposium** Armed Forces Hunt Valley, MD / Riedstadt, Germany **April '15 / March '15**

- Oral and poster presentation on research of the effects of pharmaceutical pollution on *Raphanus sativus*
- Designed a research method involving laboratory work and data collection
- Led a small team in research to successfully collect, process and report on data

**Computer Simulations Engineer** DoDDS-Europe STEMposium Oberwesel, Germany **November '13**

- Developed program using Python and Blender to anticipate spread of disease in a devastated area
- Utilized Autodesk suite to design temporary refugee camps and facilities
- Collaborated and communicated with multidisciplinary team to solve a real-world problem
- Developed time management skills to accomplish tasks in a limited amount of time

**ACTIVITIES |** RHIThm Acapella, WMHD Online Radio, Rock Climbing, Women of Like Fields  
Passionate About Computing

**HONORS |**

- Rose-Hulman Dean's List 2015-16
- General Henry H. Arnold Grant 2015-16
- LEAD Case Study, 3<sup>rd</sup> Place 2015-16
- Rose-Hulman Commitment Scholarship 2015-19
- International Student Leadership Institute Participant, DoDDS-Europe 2014
- Outstanding Participant, National Achievement Scholarship 2014