

# Michael Robert Merola

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## Skills

C++ (Proficient)  
Python (Proficient)  
HTML/CSS (Proficient)  
Java (Familiar)  
AutoCAD (Familiar)  
Microsoft Word  
Microsoft Excel  
Unity 5

## Awards and Honors

Eagle Scout	2013
BSA Highest Rank	
ZAP Scholar	2017
Zayo Group scholarship to CU students in CS	
Most Involved Student	2016
Most club-involved in graduating class	
Soccer Player of the Year	2014
For outstanding work ethic/teamwork	

## Recognitions

International Space Symposium  
Student Ambassador 2015-2016  
Colorado Boys' State  
American Legion Delegate 2015  
Colorado Ambassador of Music  
Performed concerts across Europe 2014  
Alpha Mu Theta  
Licensed Ham Radio Operator  
JV Soccer Team Captain  
Competitive Fencer  
Jazz Guitarist

## Education

<u>Computer Science Undergraduate</u>	2016 - 2020
3.431 GPA, University of Colorado Boulder College of Engineering, Minor in Business	
<u>Lewis – Palmer High School</u>	2012 - 2016
4.1 GPA, Summa Cum Laude Graduate 32 ACT, AP Scholar with Distinction	

## Work Experience

<u>CU Office of Data Analytics</u>	2017 - Present
Virtual Reality Developer Built VR experiences as university tools and research. C#/Javascript programming in Unity with HTC Vive, UI/UX design, team environment	
<u>Hewlett-Packard Enterprise</u>	Summer 2017
Software Engineering Intern Setup/configured HP servers and storage solutions, testing/upgrading software and firmware, Windows certification testing, C++ development. Successfully certified HP servers for Windows operating systems.	
<u>Schendt Engineering Corporation</u>	Summer 2016
Intern and Junior AutoCAD Drafter Various office upkeep tasks, data entry, document management, mechanical systems scheduling in Excel, low-level AutoCAD drafting. Contributed to the final design for building energy systems.	

## Involvement

<u>Caltech Hackathon (Hacktech)</u>	March 2017
Worked in a group to build a web application to analyze workplace interaction with Slack data. Our project won the <i>Best Use of AWS</i> Award.	
<u>Tackle STEM Colorado Hackathon</u>	November 2016
Worked with colleagues to create Amazon Alexa skills using the CleverBot API and AWS Lambda. Our project won the <i>Best Demo</i> Award.	
<u>Society for Hispanic Professional Engineers</u>	2016 - 2017
Club composed of a diverse group of engineering students.	
<u>Cyber Patriot Club</u>	2013 - 2016
AFA hosted cyber security competition. Students work in Ubuntu, Windows 7, etc. to find security flaws. Club Co-President in 2015-2016.	

## Community Service

<u>Fostering Hope Foundation</u>	2012 - 2016
Twice monthly tutoring and mentoring of adopted foster children.	
<u>National Honors Society</u>	2015 - 2016
Volunteer for district events, church events, community fairs.	