

# 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

Soccer Player of the Year 2014

For outstanding work ethic/teamwork

Most Involved Student 2016

Most club-involved in graduating class

Best Actor 2016

Peer-voted by LPHS Theatre Company

## 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

Computer Science Undergraduate

2016 - 2020

3.431 GPA, University of Colorado Boulder

College of Engineering, Minor in Business

Lewis – Palmer High School

2012 - 2016

4.1 GPA, Summa Cum Laude Graduate

32 ACT, AP Scholar with Distinction

## Work Experience

CU Office of Data Analytics

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

Hewlett-Packard Enterprise

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.

Schendt Engineering Corporation

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

Caltech Hackathon (Hacktech)

March 2017

Worked in a group to build a web application to analyze workplace interaction with Slack data. Our project won the *Best Use of AWS* Award.

Tackle STEM Colorado Hackathon

November 2016

Worked with colleagues to create Amazon Alexa skills using the CleverBot API and AWS Lambda. Our project won the *Best Demo* Award.

Society for Hispanic Professional Engineers

2016 - 2017

Club composed of a diverse group of engineering students.

Cyber Patriot Club

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

Fostering Hope Foundation

2012 - 2016

Twice monthly tutoring and mentoring of adopted foster children.

National Honors Society

2015 - 2016

Volunteer for district events, church events, community fairs.