

Michael Robert Merola

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Skills

Microsoft Word

C++ (Proficient)

Java (Proficient)

Python (Proficient)

Microsoft Excel (Familiar)

AutoCAD (Familiar)

HTML/CSS (Familiar)

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

Actor

Education

University of Colorado Boulder

2016 - 2020

College of Engineering

Pursuing BS in Computer Science with a Minor in Business

Lewis - Palmer High School

2012 - 2016

4.1 GPA, Summa Cum Laude Graduate

32 ACT, AP Scholar with Distinction

Work Experience

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.

Residential Maintenance

2015 - 2016

Landscaper

Mowing lawns, weed/stump/pinecone removal, pond cleaning, tractor operation, mulch/grass placement.

BESECx Inc. Consulting Engineering Firm

2010 - 2014

Edited design documents ex. reports, flowcharts, proposals.

Miscellaneous office tasks, data entry.

Involvement

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

Society for Hispanic Professional Engineers

2016-2017

Club composed of a diverse group of students from every engineering discipline

Tackle STEM Colorado Hackathon

November 2016

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

Devpost: (<https://devpost.com/software/her-tkds0v>)

Local HackCU Day

December 2016

Learned GitHub and web-scraping with Python

Community Service

Fostering Hope Foundation

2012 - 2016

Helped with families who adopted foster children. Twice monthly tutoring and mentoring of adopted children.

National Honors Society

2015 - 2016

Volunteer for district events, church events, community fairs.