Michael Robert Merola

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Boulder, CO

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Skills

C++ (Proficient)

Python (Proficient)

HTML/CSS (Proficient)

Javascript (Familiar)

AutoCAD (Familiar)

Microsoft Word

Microsoft Excel

Unity 5

React.js

mySQL

Awards and Honors

Eagle Scout   2013
  BSA Highest Rank

BOLD Scholar   2016-2018
  CU scholarship for diverse engineers

ZAP Scholar   2017-2018
  Zayo Group scholarship to CU students in CS

Most Involved Student   2016
  Most club-involved in graduating class

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

Fencer

Education

Computer Science Undergraduate   2016 - 2020
  3.45 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
  Low-level AutoCAD drafting, various office upkeep tasks, data entry,
  document management, mechanical systems scheduling in Excel.
  Contributed to the final energy systems designs for company.

Extra-Curricular

PennApps Hackathon   September 2017
  Invited to attend UPenn private hackathon. Worked in a team to build a web
  application that helps users organize web content for learning/tutoring.

Caltech Hackathon (Hacktech)   March 2017
  Worked in a team to build a web application that analyzes 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 - 2018
  Club for professional development of Hispanic/Latino engineering students.

CU Jazz Ensembles   2018
  Jazz Guitarist in small audition-based performance ensemble.

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.