

# MICHAEL MEROLA

Programmer, Musician, and Artist from Black Forest, CO

*consumer-facing products, team-oriented developer with a passion for software, music, and design*

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## Skills

Javascript (proficient)  
C++ / C# (proficient)  
Python (advanced)  
Scala (familiar)  
Angular.js  
React.js  
HTML / CSS  
Unity 5 C#  
Apex Salesforce  
SQL  
Git  
DAW Music Production  
Japanese 日本語 (elementary)

## Awards and Honors

Eagle Scout 2013  
• Boy Scouts Highest Rank  
SHPE / MAES 2016 - Current  
• Society of Hispanic Engineers  
BOLD Scholar 2016 - Current  
• Scholarship for diverse engineers

## Extra-Curricular

Jazz Guitarist in Campus Ensembles  
Independent Musician  
Producer / Composer  
Campus A Capella

## Education

University of Colorado Boulder *exp. graduation* May 2020

- 3.4 GPA, Computer Science BS
- College of Engineering, Minor in Business

Lewis-Palmer High School *graduated* May 2016

- 4.1 GPA, Summa Cum Laude Graduate

## Work Experience

Scoville Co. (Tokyo, Japan) May - July 2019

*Engineering Intern*

- Contributed to the Drone + AI teams with research, coding, and testing tasks
- Developed algorithms in Unity to simulate drone + LIDAR movement
- Gained work experience in a multi-cultural and Japanese business setting

Zayo Group (Boulder, CO) June 2018 - May 2019

*Software Development Intern*

- Developed Apex Salesforce programs to aid internal operations
- Frontend web development/design with Angular and Javascript
- Team-focused work with Gitlab and Agile frameworks

CU Office of Data Analytics (University) Sept. 2017 - May 2018

*Virtual Reality Research + Developer*

- Analyzed student trends/data to identify possible needs for VR solutions
- Built a VR annotation system as a prototype tool for university students
- Used Unity 5, HTC Vive, and C#/Javascript in a small team environment

Hewlett-Packard Enterprise (CO Springs) May - August 2017

*Storage Solutions Intern*

- Setup/configured HP servers and storage solutions, testing/upgrading software and firmware, Windows certification testing, C++ scripting
- Successfully certified multiple HP servers for Windows OS

## Tech

Hack CUV

- Utilized React.js to build an online music sampler/sequencer
- Sample videos directly from YouTube, compatible with MIDI keyboards

PennApps Hackathon

- Worked in a team to develop a web-app for organizing and learning Internet content
- Independently explored topics of AI, game music, and pixel art