

Colin McIntyre

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4121 26th Street
San Francisco, CA 94131

Education:

West Virginia University, Morgantown, WV

May 2021

B.S. in Mechanical Engineering, *cum laude*, Minor in Spanish

Honors: Engineering Excellence Scholarship (merit-based scholarship)
Scholarship of Distinction (merit-based scholarship)
Leadership Scholarship (merit-based scholarship)
University Honors College

Relevant Courses: Analysis of Engineering Systems; Advanced Mechatronics; Automatic Controls;
Mechanics of Materials; Robotic Manipulators; Manufacturing Processes;
Machine Design and Manufacturing; CAD/Finite Element Analysis

Work Experience:

Ayoob & Peery, San Francisco, CA

November 2021 - Present

Fire Protection Design Engineer

- Trained in the AutoCAD software suite to develop complex 3D models
- Created LISP routines to make the design process more efficient by automating repetitive tasks
- Collaborated with other trades to coordinate field installation of various systems
- Delivered high-quality designs and documentation within specified project deadlines
- Referenced codebooks (NFPA 13) to ensure that proposed designs were up to code and could be sent off to the permitting authority

Black Bear Burritos, Morgantown, WV

June 2021 - October 2021

Line Cook

- Developed excellent time management and leadership skills by running the line
- Communicated tasks efficiently and effectively in a fast paced and high pressure environment

Hygenkey, Morgantown, WV

April 2020 - January 2021

Lead Product Designer

- Worked on development team to rapidly prototype designs using additive manufacturing methods
- Performed product research and testing to optimize design prior to manufacturing at scale
- Coordinated with manufacturers to optimize the design so it could be machined more efficiently
- Presented business pitch at a Hackathon and published design in WVU's Business Magazine:
<https://businessmagazine.wvu.edu/articles-main/2020/11/18/coming-back-from-covid>

Mountainlair Games Area, Morgantown, WV

August 2017 - August 2020

Games Area Supervisor

- Trained new employees on safe maintenance techniques for bowling equipment
- Developed expedient solutions to resolve any issues due to machine malfunction
- Managed customer service complaints and organized inventory

Computer Skills:

AutoCAD | Matlab | SolidWorks | Fusion 360 | CoppeliaSim | Microsoft Office Suite
Python | LISP | SprinkCAD | AutoSPRINK | ANSYS Mechanical | ANSYS Workbench

Volunteer: *Eagle Scout*, Boy Scouts of America

Interests: Robotics | Programming | Rock Climbing | Cooking | Nature | Fishing

Interpersonal Skills: Hard Working | Creative | Strong Written and Verbal Communication | Team Player