

# Jeremy Cordova

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## Summary:

- A graduate of Metropolitan State University of Denver with a Bachelor of Science degree in both Chemistry with ACS Certification and Electrical Engineering Technology with a focus in Power and Control Systems (double major)
  - Knowledge of a plethora of Engineering and Chemistry concepts, methods, and procedures, as well as hands on experience with a plethora of tools, machinery, and lab equipment.
  - Demonstrates teamwork and practices punctual communication on a daily basis to ensure that all tasks and jobs are completed in an efficient and timely manner.
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## Highlights/Procedural Skills:

- Safety Oriented
  - Team Oriented
  - Strong Leadership Ability
  - MS Office Proficient
  - Lab/Equipment Maintenance
  - Highly Detail Oriented
  - Materials Assessment for Quality Assurance
  - CAD Proficient (Multisim, Matlab, Solidworks, etc.)
  - Chemical Analysis (Can Perform and Read Data from HPLC, GC, HNMR, IR, Flame AA, etc.)
  - Proficient at Titrations (Acid Base, Redox, etc.)
  - Proficient in Multiple Coding Languages (C, C++, Java, and Python)
  - Mechanical and Electrical Proficiency (Inspection, maintenance, troubleshooting, etc.)
  - Soldering of Microelectronics
  - Termination and Testing of many Wire Types (RJ-45 Shielded and Unshielded, Ferrule, XLR, DB9, TRS, etc.)
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## Work History:

**06/2020 to Present**

**Laborer/Installation of Outdoor Recreational Equipment**

**Recreation Systems II – Henderson, CO**

- Analyze raw and finished materials for conformance to specifications

- Surveying, measuring, and marking land prior to equipment installation
- Loading and unloading of raw materials and large equipment for transport
- Excavation of subgrade to allow for in-ground equipment installation
- Utilize standard procedures to ensure precision and accuracy before, during and after installation

**03/2020 to 05/2022**

**Student Grader**

**Metropolitan State University of Denver – Denver, CO**

- Assessment and grading of reports, exams, quizzes, etc. using a designated grader key provided by an instructor
- Close communication with MSU faculty in order to ensure grade documentation is timely and to specifications

**08/2022 to 12/2022**

**Project Engineer**

**Ford Audio/Video – Denver, CO**

- Designing and preparing CAD system drawings and programming DSP for Audio/Video systems.
- Meeting with clients, job superintendents, and other professionals, on and off-site in order to streamline job progress, as well as complete all goals as needed.
- Designing new, custom Audio-Video solutions, as well as installing and replacing Audio-Video equipment, and integrating new technology into existing systems. Devices being used included a plethora of different speakers, televisions, projectors, cameras, microphones, wire types, connector types, and DSP equipment.
- Notable projects include: ADA compliant hearing loops at the Denver Museum of Nature and Science IMAX theatre, and at the Colorado State Capitol, as well as multiple Video Walls, Equipment Racks, and Audio Systems in Colorado, Arizona, Arkansas, Wyoming, and California.

**Education and Certifications:**

**2010-2014**

**High School Diploma: Graduated with Honors**

**Aurora Central High School – Aurora, CO**

**2014-2016**

**Associate of Science: General Studies**

**Community College of Aurora – Aurora, CO**

**2016-2022**

**Bachelor of Science: ABET Accredited Double Major: Electrical Engineering Technology with Focus in Power and Control, and Chemistry with ACS Certification (3.67 GPA Overall)**

**Metropolitan State University of Denver – Denver, CO**

**Course Highlights:**

**Chemistry:** Bio/Organic/Inorganic/Physical Chemistry and Advanced Instrumental Analysis

**Electrical Engineering:** Electric Machines, Microcontrollers, Interface Techniques, Digital Control Systems Design, Electric Power Distribution, and Advanced Technical Programming

**Certifications:**

OSHA 10, Hilti Firestop and Hilti Powder Actuated Tools, DOT Certified, Lift Certified

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## **References:**

**Mr. Al Nylan – Recreation Systems II**

Phone – 303-748-4597 (Cell)

**Dr. Julio Proano – MSU Denver EET Department**

Email – [Jproano@msudenver.edu](mailto:Jproano@msudenver.edu)

**Dr. Chad Magee – MSU Denver Chemistry Department**

Email – [Cmagee3@msudenver.edu](mailto:Cmagee3@msudenver.edu)

**Dr. Joshua Martin – MSU Denver Chemistry Department**

Phone – 303-615-0264 (Office)

Email – [Jmart490@msudenver.edu](mailto:Jmart490@msudenver.edu)

**Mr. Oscar Zuniga – Recreation Systems II**

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