

Bryce Greenberg

Mechanical Engineer

Contact:

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Education:

Bachelor of Science, Mechanical Engineering

Northern Arizona University, 3.44 GPA, May 2023

Associate in Applied Science, Engineering Technology, with Distinction

Chandler-Gilbert Community College May 2020

Associate in Applied Science, Automotive Technology, with Distinction

Gateway Community College

May 2006

Skills:

Mechanical and electrical diagnostics and design

Problem analysis and solution generation

Team building and customer relations

Rapid prototyping

Matlab and Excel data analysis

SolidWorks with CSWA Certification

Microsoft Office

Project Experience:

Junior and Senior Mechanical Engineering Projects

Northern Arizona University, 2022-2023

- Junior team project was to design and manufacture an object-moving robot
- Designed and 3D-printed the robot unibody and pickup mechanism, and generated the code to control and drive the robot with Microbits
- Senior project is in progress and involves designing and manufacturing an EV conversion kit that enables consumers to install a Tesla SDU assembly and batteries into a range of Honda vehicles

Work Experience:

Moss and Associates

Project Engineering Internship, Summer 2022

- Construction of a 545 MW Photovoltaic Solar Energy Generation and Battery Extended Storage System
- Developed solutions to problems encountered in the field and in operations
- Generated documents to increase efficiency of field procedures
- Studied and made amendments to engineering and construction drawings and site analysis documents

Northern Arizona University

Financial Oversight Assistant, 2021-Present

- Review, input, and analyze data for the College of Engineering department grants
- Manage engineering Capstone team budgeting and purchases, and communicate financial details with Capstone professors and team leaders

The Rolling Car Shop

Owner and Automotive Technician, 2009-2018

- Provided a mobile automotive repair and maintenance service to a self-built client base of 600+ including commercial fleet management in the Phoenix, AZ metro area
- Gained significant strength in mechanical and electrical diagnostics and repair skills, along with business management skills and developing long-term client relationships

Muscle Car Garage and Automotive Repair Shops

Entry Level Automotive Technician, 2003-2009

- Earned multiple ASE Automotive Service certifications
- Performed restorations and custom modifications on classic and high-performance vehicles
- Learned basic shop and automotive safety and skills while completing an education in automotive technology