

Application Form

Profile

Scott
First Name

Hadzik
Last Name

[Redacted]
Email Address

Weber State Univeristy
Employer

Professor, Automotive
Technology
Job Title

[Redacted]
Home Address

[Redacted]
Suite or Apt

[Redacted]
City

[Redacted]
State

[Redacted]
Postal Code

[Redacted]
Primary Phone

Which Boards would you like to apply for?

INTERNAL Fleet Management Board : Appointed

Referred by:

Mike Terry

Qualifications

Please tell us about yourself.

I have been teaching at Weber State University since 2010. I am in the Automotive Technology Department. I served as chair of the department for 7 year.

Why are you interested in serving on a board or commission?

I can offer a unique perspective of the automotive industry including trends in technology, EVs, and workforce development.

What education, work experience, or volunteer experience do you have that applies to the board you are applying for?

14 years as an educator in automotive technology. Service technician at a Chrysler Dealership, USAF aircraft maintenance

What unique perspectives could you bring to the board?

I have worked directly with most of the automotive programs at high schools in the state. I also have a relationship with many of the technical schools

 Upload a Resume

Demographics

Some boards and commissions require membership to be racially, politically or geographically proportionate to the general public. The following information helps track our recruitment and diversity efforts.

Are you a Salt Lake County employee?

Yes No

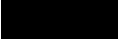
Are you a current member of another Salt Lake County board or commission?

Yes No

Race/Ethnicity *



District *



Gender Pronouns *



Age Range *



Languages *

English

Political Affiliation



Scott Hadzik

EDUCATION

MS Instructional Design and Learning Sciences - Utah State University
BS Computer Science - Weber State University
BS Automotive Technology - Weber State University

WORK EXPERIENCE

Automotive Instructor, Weber State University -- Ogden, UT

August 2010 – Present

- Prepared and implemented lesson plans for instruction in Automotive Technology
- Coordinated with other instructors for mixed classes
 - Prepared vehicles for practical application assignments performed by students
- Adapted schedule to meet with ATEP and CAP requirements

Automotive Department Chair, Weber State University -- Ogden, UT / Layton UT

July 2015 – July 2022

- Adjusted program offering to account for course demand and shifts in market
- Secured two Strategic Workforce Initiative appropriations to develop electrical vehicle training at technical college and high school automotive programs. The total appropriation is for \$600,000 annually with distribution to partnering programs
- Secured a total of \$500,000 in Perkins related funding to support the Automotive Technology AAS program
- Secured funds from Talent Ready Utah to introduce and train HS and college automotive instructors in battery electric vehicle service
- Secured \$890,000 Deep Tech Initiative funding to develop autonomous vehicle certificate for School of Computing MS degree
- Developed and implemented an autonomous vehicle, hybrid and electric vehicle, and advanced emissions courses for BS degree requirements
- Coordinate students and employer relations
- Develop articulation agreements with partner institutions
- Lead in equipment and scholarship funding requests

Computer Science Adjunct Instructor, Weber State University -- Ogden, UT / Layton UT

August 2018 – Present

- Teach computer science course in the Fall and Spring semesters
- Developed curriculum for version control (git and GitHub) instruction

Hydraulic Technician, United States Air Force – Wichita, KS

- Performed maintenance on all hydraulic systems for the Boeing KC-135 Stratotanker
- Supported Operation Enduring Freedom and Operation Iraqi Freedom
- Received two Air Force Achievement Medals while deployed
- Selected for early promotion to Senior Airman
- Received line number for Staff Sergeant before 3 years of service

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PROJECTS

Full Scale Autonomous Vehicle, Weber State University -- Ogden, UT

August 2022 -- Present

- 2022 Kia Niro Vehicle with remote control capabilities.
- Modifications to vehicle communication network for remote operations with plans for automated operations using NVIDIA board and sensor suite

Automotive Electronics Lab Design, Weber State University -- Ogden, UT

August 2020 -- Present

- Designed the automotive electronics lab to better fit the level of electronics found in the modern vehicle.
- Secured funding for fabrication, additive manufacturing, electrical diagnostic tools, and electronics bench equipment
- Designed, fabricated and programmed single board computer stations to simulate on-vehicle communication in a lab environment
- Secured total of \$250,000 of funding

F1TENTH - Undergraduate Team Faculty Advisor, Weber State University -- Ogden, UT

August 2019 -- Present

- International community of researchers, engineers, and autonomous systems enthusiasts.
- ROS with Gazebo Simulation
 - Established F1Tenth small scale autonomous racing team using NVIDIA Jetson Nano/Xavier

Augmented Reality Automotive Diagnostic System, Weber State University -- Ogden, UT

January 2019 -- Present

- Research project to explore the use of a Microsoft Hololens 2 in vehicle diagnostics
- Secured total of \$5,000 in funding

Automotive Special Tool Fabrication Equipment, Weber State University -- Ogden, UT

January 2018 -- Present

- Initiated the development and implementation of a fabrication space for automotive students to develop and fabricate automotive special tools. Secured funding for both additive and subtractive manufacturing equipment and training
- Secured total of \$250,000 in funding

Remote Pump Monitoring Station, Weber State University -- Ogden, UT

March 2018 -- Present

- Designed, fabricated, programmed and installed remote monitoring equipment for a mountainside community. The pump monitor sends sms messages to maintenance technicians to alert problems encountered during water pump operations.
- Use of single board computers and mobile communication devices.

CERTIFICATION and SKILLS

- Phase I,2,3 Hybrid and Electrical Vehicle Bootcamp

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- ASE Certified Master Technician
- Completion of Chrysler Automotive Program (CAP)
- Programming languages
 - Python - Java - C++ - Swift
 - iOS Android application development
- <https://github.com/scotthadzik>