

# Benjamin Kelemen

kelemen.benjamin@outlook.com | kelemen-benjamin.github.io/PortfolioWebsite/

## EDUCATION

**Bachelor of Science in Electrical Engineering: Computer Engineering,  
Computer Science, and Applied Mathematics** May 2028  
(Triple Major)

Texas State University – San Marcos, Texas

**Overall GPA: 4.00**

**Honors:** Dean's List (2024 – Present), President's List (2024 – Present), President's Honor Scholarship (2024-2028), Comal County Sportsman Association Scholarship (2024)

**Associate of Arts in Liberal Arts** May 2024

Northeast Lakeview College – Universal City, Texas

**Overall GPA: 4.00**

**Honors:** National Merit Scholar Commended (2023)

## PROJECTS

**Omnidirectional Drive Systems** Jan. 2023 – Apr. 2024

- Constructed multiple swerve wheel modules, including motors, sensors, gears, and wiring
- Developed a multi-file Java program to monitor and control swerve wheel direction, speed, and rotation
- Fabricated and programmed a mecanum drive system

**Development of Manual and Autonomous Robotic Systems** Aug. 2020 – Apr. 2024

- Created complex programs in Java and C++ to provide manual control for robotic systems
- Engineered programs that read and processed sensor information for autonomous robots.
- Developed durable and reliable electrical systems for movement and sensors.

## EMPLOYMENT

**Paper Grader for Linear Algebra** Aug. 2025 – Dec. 2025

Texas State University, San Marcos, TX

- Graded 4-7 problems from weekly homework assignments in a class of 71 students.
- Analyzed and provided accurate feedback on problems with mistakes.

**Applications Support Intern** June 2025 – Aug. 2025

New Braunfels Utilities, New Braunfels, TX

- Researched, developed, and implemented an automatic address verification and database cleanup system.
- Reworked an existing data transfer system between Cityworks, SQL Server, and Request Tracker.

**Data Strategy Intern** June 2024 – Aug. 2024

New Braunfels Utilities, New Braunfels, TX

- Worked with large sets of data through SQL Server and created customized reports using Crystal Reports and Cityworks
- Lead integration of automatic data updates between ArcGIS, Cityworks, and SQL Server