

Travis Park

Palisades Park, NJ

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EDUCATION

Rutgers, The State University of New Jersey - School of Engineering

New Brunswick, NJ

Bachelor of Science in Civil Engineering

May 2028

SKILLS

Software: AutoCAD, Civil 3D, Revit, MATLAB, Bluebeam Revu, Microsoft Office, ArcGIS, NJ ITIC (811), HxGN, Python

Languages: English (*Fluent*), Korean (*Conversational*), Spanish (*Elementary*)

PROFESSIONAL EXPERIENCE

J. Fletcher Creamer & Son

Hackensack, NJ

Project Engineer Intern

May 2026 - Present

- Coordinated the planning and execution of more than 500 Lead Service Line Replacement (LSLRP) projects across multiple New Jersey municipalities by conducting 600+ field inspections, scheduling construction activities, supporting crew deployment, and maintaining project documentation from investigation through final restoration.
- Reduced construction risk and improved field readiness by integrating ArcGIS utility mapping, NJ 811 (ITIC) markouts, and field inspections to verify water service locations, confirm water main alignments, and ensure excavation activities were performed safely and efficiently.
- Standardized project documentation and improved operational efficiency by authoring 30 Standard Operating Procedures (SOPs) that established consistent workflows, streamlined intern onboarding, and created long-term reference materials for field and office personnel.

Rutgers University Athletics - Division 1 Football

Piscataway, NJ

Equipment Manager

February 2025 - Present

- Manage 130+ NCAA Division I student-athletes and 100+ coaches/staff, ensuring full equipment readiness for daily practices, travel operations, and a 12-game season (3 non-conference, 9 Big Ten Conference matchups)
- Coordinate practice and game-day operations in a Division I environment while balancing a full-time engineering course load and 40+ hour weekly commitment

Palisades Park Volunteer Fire Department

Palisades Park, NJ

Firefighter

March 2023 - Present

- Respond to 20+ weekly emergency incidents serving the entire 1.25 mi² borough, executing rapid deployment in a high-density environment
- Operate in coordination with the 10-municipality East Bergen Mutual Aid system during multi-town incidents

PROJECTS

FireGuard – Real-Time Firefighter Monitoring System

Team Project | April 2026

Rutgers IEEE x RUHART Build-A-Thon; 1st Place: Best Overall

- Designed a 3D enclosure in AutoCAD and generated STL files for 3D printing, collaborating with a multidisciplinary team to develop a real-time monitoring system tracking motion, air quality, and temperature using embedded sensors
- Delivered and tailored a live pitch to 4 industry judges and multiple in-person evaluators, incorporating firefighter LODD data to justify system design and real-world safety impact, contributing to 1st Place Best Overall of 22 teams

Fire Hydrant & Water Main Mapping

Independent Project | February 2026

- Aggregated hydrant location data of Palisades Park, NJ, from CAD (Computer Aided Dispatch) records & legacy water main maps (est. 1970s–1990s) to approximate distribution patterns and develop a visual infrastructure reference map

Civil 3D Municipal Mapping

Independent Project | January 2026

- Developed a scaled municipal base map of Palisades Park, NJ, in Autodesk Civil 3D by importing and structuring roadway, parcel, hydrography, and boundary GIS data with proper layers, lineweights, and coordinate systems
- Integrated parcel and roadway datasets to support infrastructure visualization and potential future site, utility, or transportation design applications

CERTIFICATES

OSHA Construction 10-Hour (34-006585850)

May 2026

New Jersey State Certified Firefighter II (Pro Board #NJ050949, IFSAC #03634715)

August 2024

New Jersey State Certified Firefighter I (Pro Board #NJ050736, IFSAC #03634502)

October 2023