Daniel Barnett

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EDUCATION

Princeton University | Princeton, NJ   Expected, May 2026
B.S.E. Candidate
Intended Concentration: Civil and Environmental Engineering
Intended Certificate: Applications of Computing

Mountain Lakes High School | Mountain Lakes, NJ   June 2020
Honors: AP Scholar with Distinction, National Merit Finalist

WORK EXPERIENCE

Mountain Lakes Volunteer Fire Department | Firefighter   2019 - Present
- Respond to emergency situations with efficiency and composure
- Maintain effective communication with team members and strict adherence to safety principles and regulations as part of Standard Operating Procedures

Department of Public Works, Mountain Lakes | Municipal Worker   June 2022 - May 2023
- Operate and maintain heavy machinery, work vehicles, and tools
- Inspect and repair municipal stormwater and water systems, dams, and spillways
- Use carpentry, masonry, plumbing, and demolition skills on in-house construction projects

Mountain Lakes Wine and Liquors | Shipping, Cashier   Fall 2020 - Fall 2021
- Oversaw shipping software and operations for interstate and local shipping and delivery
- Provided customer service and responded to retail and shipping client feedback

Mountain Lakes Sailing Association | Head Sailing Counselor/Sr Counselor   Summers 2015 - 2021
- Operated a summer sailing camp as head counselor, ensuring efficient and safe operations

CERTIFICATIONS | SKILLS

- Firefighter 1 : NFPA 1001, Edition 2013
- Hazardous Materials Awareness and Operations
- CPR, Bloodborne Pathogens, PADI Open Water
- Java, Python, AutoCAD
- Excel, Word, Powerpoint

RELEVANT EXPERIENCE

MIT, Lincoln Laboratories Beaver Works Summer Institute   Summer 2019
- Programmed, built, and piloted a drone-mounted synthetic aperture radar system as a member of a small team using systems integration skills
- Processed radar data to construct images of obscured objects