David Vermaak

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EDUCATION

Old Dominion University
Bachelor of Science in Engineering Technology   December 2025
Major: Mechanical Engineering Technology   **Minor:** Computer Science
GPA: 3.5

Tidewater Community College
Associate of Applied Science in Mechanical Engineering Technology   May 2023
Magna Cum Laude
GPA: 3.7

Relevant Courses: Heat Transfer, Fluid Mechanics, Design of Machine Elements, and Robotics

EXPERIENCE

EFT Corporation
Junior Developer and Information Security Assistant   June 2022 – Present
- Designed and manufactured CAD models for rapid prototyping.
- Played a key role in the design and construction of a server room.
- Developed desktop applications using Python for internal projects.
- Created and deployed several web applications written in ColdFusion and Django.

Regent University
General Maintenance and Repairman   April 2020 – August 2020
- Repaired and maintained the facilities
- Performed maintenance on the HVAC, plumbing, and electrical systems.
- Repaired drywall, flooring, and building structure.

LEADERSHIP

Group Project Leader; *Fluid Mechanics, ODU*   January 2024 – May 2024
Senior Patrol Leader; *Boy Scouts of America*   January 2017 – July 2018
Quartermaster; *Boy Scouts of America*   January 2016 – December 2017

SKILLS

- CAD: Solid Works, Inventor, AutoCAD
- Topology/Mass optimization: Altair Inspire
- Programming: Python, C++, MATLAB, and Java
- Office: Excel, PowerPoint, and Task Automation

ACHIEVEMENTS

Eagle Scout; *Troop 996, Tidewater Council*   September 14th 2017