

Trevor Foresta

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Summary

Upcoming computer science graduate and professional software developer with over 3 years of diverse technological experience in web development, full-stack development, team management and leadership, and more.

Education

Millersville University, Lancaster, PA

December 2022 (Expected)

- BS, Computer Science
- Clubs/Activities: Technology Career Network, Coding Club

Experience

- Castor Digital Co. – Wilmington, DE (Remote) September 2020 – present
Frontend Web Developer
 - Created and published websites for 6 clients with active monthly maintenance.
 - Developed user interfaces with modern JavaScript frameworks, HTML5, and CSS3.
 - Managed and delegated tasks to a team of 4-6 employees.
- TRIC Robotics – Newark, DE August 2019 – July 2020
Software Engineering Team Lead
 - Developed and maintained operational software for an experimental farming robotics platform using Python + ROS dependencies.
 - Analyzed recorded data to implement a computer vision program for image recognition using TensorFlow machine learning API.
 - Managed company codebase of over 10 Git repositories to follow industry standard format.

Skills

Languages: Python, JavaScript, C/C++, Java, HTML/CSS, SQL, Haskell

Technologies & Frameworks: Node, React, MySQL, Visual Studio, Git, MongoDB, TensorFlow, Anaconda

Operating Systems: Windows 10/11, GNU/Linux (Ubuntu)

Additional Skills: Data Structures & Algorithms, Object-Oriented Design, Web Development, Full-Stack Development, Cloud Technologies, Robotics, Statistics, Backend Development, Frontend Development, Database Management Systems, Software Development Lifecycle, AgileCI/CD, DevOps

Projects

UML Editor – created a web app in a team of 5 using JavaScript and C#, where users can create and edit diagrams, and save and load diagrams to a MongoDB database with their login. Practiced agile methodology during development.

Discord Bot - created a general-purpose template for bots on messaging app Discord using Node.js, with various communication features such as sending and viewing messages, replying, etc.

Freshmen Scheduling - ongoing work with Millersville University to automate class placement for incoming students, solving constraint satisfaction with Python and Z3.

Additional Experience

- Technology Career Network at Millersville University November 2021 - December 2022
Founder and President
 - Hostly monthly events related to career development for over 40 students and alumni
 - Facilitated networking opportunities between Millersville University and surrounding local companies
- Certifications
 - CompTIA A+
 - Cisco IT Essentials: PC Hardware and Software