Nickolas Sturgeon

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SKILLS_____

Program Language:C++, Assembly, C#, Python, SQL, Javascript, Haskell, CSS, HTML
Tools: Git, MySQL, GoDot, Nunit, Mockito, WPF, Kali, Visual Studio, Node.js

EDUCATION_____

Washington State University — *Bachelor of Science in Software Engineer with a Minor in Math*
Expected Graduation December 2025, Everett

Projects_____

Boeing Outlier Detection Application — April 2025
- Software to detect outlier data during wind tunnel testing using AI.
- WPF, C# .Net UI and injecting Python code for Tensorflow AI model.
- Developing an algorithm to process multiple types of sensors during tests.
- Leading in Agile Development to organize and delegate responsibilities to a multi skill team.

Mimics — April 2025
- Rapid Prototyping (Privacy Focus): Successfully delivered a functional prototype meeting a specific data privacy theme under a 24 hour time constraint alone in a competition.
- Node.js/Express Server & Browser Extension: Developed a full-stack solution to track user actions.
- Privacy-Enhancing Bot Prototype: Conceived and implemented a bot concept to obscure online activity through behavioral mimicry.

Animal Rescue website — May 2025
- Coordinated with a team to develop a community website using Node.js/Express enabling users to post announcements for lost pets and access animal care information.
- Implemented user profile creation search functionality, created the messaging system for users to interact as well as the functionality of admin to ban users or report messages to admin.

Map-RSS — May 2024
- Designing algorithm to process news articles by user preferences that can be marked on a map of the origin of the article.
- Implementing C# .Net and WPF
- Created UML diagrams, ReadMe file as well as coordinated with the team to build software.

Work Experience_____

Pacific NorthWest Metal Fabricators, Ballard Wa — Machinist/Welder/Fabricator
September 2016 - November 2019
- **Collaborated** with cross-functional teams and clients to deliver custom metal fabrication projects precisely to specification within demanding production schedules.
- **Resolved** complex technical challenges with limited resources, consistently meeting project deadlines and minimizing downtime.
- **Innovated** solutions for equipment repair and project deviations, demonstrating strong adaptability and critical thinking in dynamic environments.

Certifications_____

Google AI Essentials-Coursera | First Aid/CPR Certified