Nickolas Sturgeon

Personal Site: nicksturgeon.com | Email: nickolas.sturgeon@wsu.edu | LinkedIn: nickolas-sturgeon | GitHub: redbeard691

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

Training & Experience _____

Software Engineering — 4+ years of training

- Gained extensive training and practical experience in software engineering principles, development methodologies, and a variety of programming languages over four years.
- Developed a strong foundational knowledge in full-stack development, AI/ML, and Agile methodologies through coursework, personal projects, and competitive hackathons.

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.

Work Experience_____

Boeing Scholarship Program, Everett Wa — Software Developer
August 2024 - June 2025

- **1 year experience** developing software applications for Boeing's Wind Tunnel program see above project for details.

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.