

SCADS

Team Inventory

CYBER1-CodeVersion

September 2, 2024



Prepared for

Tashi Stirewalt,

Assefaw Gebremedhin

Prepared by

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Mentored by

Parteek Kumar

September 2, 2024

Tashi Stirewalt & Assefaw Gebremedhin

Scalable Algorithms for Data Science Laboratory (SCADS)

Washington State University

Dear Tashi Stirewalt and Professor Assefaw Gebremedhin,

Our team is looking forward to working with you on developing the CodeVersion project for Scalable Algorithms for Data Science Laboratory (SCADS). This document serves as an introduction of the team members that will work on this software, as well as listing the qualifications that make us suitable for the job.

Sincerely,

Bryan Frederickson and Samantha Brewer

Samantha Brewer

Major: Computer Science

Hometown: Seattle, WA

Academic Standing: Senior



EDUCATION

- Washington State University
 - Algorithms
 - Data Mining
 - Computer Architecture
 - Programming Language Design
 - Data Structures
- VICEROY CySER Program
 - Cybersecurity
 - Network Protocols and Security
- Shoreline Community College
 - Associates in Computer Science
 - Python, Java Focus
 - Fundamentals of Coding

WORK EXPERIENCE

- Griffiss Institute
 - VICEROY MAVEN Intern
 - Automated conversion of C/C++ to LLVM Intermediate representation via Bash shell scripts

SKILL

- Programming Languages
 - C/C++, Python, Java, Javascript, React.js, HTML/CSS

OTHER INTERESTS

- Modding Video Games
 - Learning Foreign Languages
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Bryan Frederickson

Major: Computer Science

Hometown: Maple Valley, WA

Academic Standing: Senior



EDUCATION

- Washington State University
 - Data Structures
 - Algorithms
 - Programming Design
 - Linux Kernel Programming
 - Computer Architecture
 - Cybersecurity/Networking
 - Automata theory
 - Computer Networks
- VICEROY CySER Program
 - Cybersecurity principles
 - Network Protocols and Security
 - A Model System for Study of Cyberattacks on Biomanufacturing

WORK EXPERIENCE

- Griffiss Institute
 - VICEROY MAVEN Mentor/Intern
 - Machine Learning Based Radiofrequency Recognition for Cyber and Electromagnetic Spectrum Activities

SKILL

- Programming Languages
 - C/C++, Python, Haskell, Matlab
- Linux Command Line

OTHER INTERESTS

- Lifting weights, Basketball, Football
- Music, Movies, Traveling