



T-Nine Team Inventory

Inventory Tracking System for Food Bank

Date: May 10, 2024

Prepared For

Acme Corp Management, Professor
Ananth Jillepalli

Prepared By

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Dante Meyer
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Mentored By

Professor Ananth Jillepalli

MAY 10, 2024

Ananth Jillepalli

School of Electrical Engineering & Computer Science
Washington State University

Dear Professor Jillepalli,

We are looking forward to our upcoming meeting where we will discuss the details of the Inventory Tracking System for Food Bank project. This document serves as an introduction to our team and provides an overview of our qualifications. The following pages detail the education, skills, and relevant experiences of each team member.

Sincerely,

T-Nine Team



Dante Meyer

Major: Computer Science

Projects

C/C++:

- Lightweight Drawing program
 - Uses SDL2 as a backend.
 - Allows users to draw and animate on a memory-efficient canvas with multiple layers.
 - Works with a variety of data structures and file formats.
- CPU Graphics renderer
 - Allows users to programmatically draw full-color bitmaps via the CPU which can be saved to a local drive.

Web development:

- Hostable PHP-based forum
 - Utilizes PHP written from scratch without any pre-existing external libraries.
 - Uses SQLite as a backend to securely store user information and post data.
- JavaScript image gallery
 - Reads from a data file pointing to images and constructs a customizable gallery with them.

INTERESTS

- Personal programming projects
- Drawing
- Reading
- Fixing computers

SKILLS

- C/C++, Java, Haskell, Python (formal education and self-taught)
- Javascript, HTML/CSS, PHP, SQL, Rust (self-taught)
- 2D/3D art
- Adobe Photoshop and Premiere pro
- Power-using and troubleshooting Windows and Linux

CONTACT

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EDUCATION

Washington State University – BS in
Computer Science (2022-2026)

- Automata Theory
- Programming Language design
- Computer Engineering
- Data Structures

Timberline High School (3.2 GPA)



Yaru Gao

Major: Computer Science

CONTACT

Mobile: +12533345206
Email: yaru.gao@wsu.edu
City: Puyallup, WA

EDUCATION

Emerald Ridge High School

September, 2018 - June, 2021

University of Washington Tacoma

September, 2021 - June, 2022

- Introduction to CS
- Python Basics

Washington State University

August, 2022 - current

- Advanced Data Structures
 - Computer Architecture
 - Automata Theory
 - Java Basics
 - Haskell Basics

PROJECTS

Inventory Tracking Program (C++ & HTML5)

- Developed a web-based inventory tracking program in collaboration with a team, utilizing C++ for backend processes and HTML5 for the user interface. This program aimed to provide real-time inventory status updates and management tools for an inventory company.

Diary Decryption Game (C++)

- Created a small, engaging game using C++ where players decrypt a diary by guessing the correct sequence of four colors within ten attempts. This game challenges users to solve the pattern through iterative clues and adjustments.

Connect Four Game (C++)

- Developed a Connect Four game in C++, allowing two players to compete in aligning four consecutive pieces vertically, horizontally, or diagonally on a grid-based board.

SKILLS

- C & C++
- HTML5
- Python
- Java
- Haskell
- Adobe Photoshop
- Adobe Illustrator

INTERESTS

- Passionate about linguistics, with a focus on phonology and etymology, exploring the origins and sounds of languages..
- Enthusiastic about biology, particularly paleontology, studying ancient life forms and their evolution.
- Video Games



Ifeoluwa Daniel Ogabi

Major: Computer Science

PROJECTS

Beginner Piano Tutorial - [C++]

- Collaborated with a classmate to develop a computer-based tutorial application for individuals interested in learning the piano for the final project of my Advanced Data Structures course. Included features allow users to select from a list of well-known songs from pop-culture media and accompany by pressing computer keys bound to specific note sounds from a piano.

Vigenère Decryption - [C#]

- Developed an algorithm to decrypt a ciphertext in the Vigenère Cipher, accepting the key length and ciphertext as an input and producing the corresponding plaintext as an output through the utilization of letter frequencies and chi-square values.

WORK EXPERIENCE

King's Court Church (RCCG) - Audio Engineer/Piano Accompanist

Jan 2021 - Present, Renton, WA

- Collaborated with musicians for efficient key modulations during weekly rehearsals and Sunday services.
- Enhanced live production sound quality and managed audio equipment maintenance.
- Provided keyboard training to local youth.
- Assisted senior engineers in troubleshooting during services, reducing equipment issues.

Owen Science and Engineering Library - Clerical Assistant I

Sep 2022 - Jan 2023, Pullman, WA

- Reorganized library materials in line with campus policies.
- Led the removal and update of outdated texts to free space for new resources.
- Contributed to adding over 30,000 STEM volumes to the consortium's collection.

Daily Evergreen Newspaper - Reporter/Columnist

Oct 2023 - Jan 2024, Pullman, WA

- Developed and reasoned fact-based opinion pieces for community issues.
- Conducted interviews to gather comprehensive insights and maintain conversational flow.
- Ensured strict adherence to journalistic standards in formatting and reporting.

CONTACT

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EDUCATION

Washington State University -

B.S., Computer Science

August, 2022 - December, 2025

Green River Community College

- A.S., Computer Science

August, 2020 - June, 2022

SKILLS

- C#
- C++
- C (Programming Language)
- Python