

TEAM INVENTORY

September 2, 2024

PREPARED FOR

Dr. Asaph Cousins

PREPARED BY

Holtrop, Erik
Kupp, Kyler

MENTORED BY

Kumar, Parteek

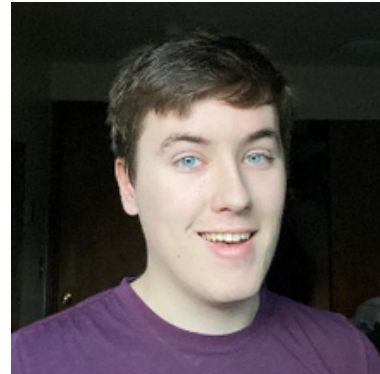
Dear Dr. Cousins,

Our team is excited to meet with you and discuss the details of the python data collection and visualization software system. This document will give you a brief introduction of our team members. The following pages outline the training, skills, and relevant experience of each team member.

ERIK HOLTROP

SOFTWARE ENGINEER

✉ erik.holtrop@wsu.edu



EDUCATION

Bachelor of Computer Science
& Mathematics

Washington State University | 2025

Sequim High School | 2021

EXPERIENCE

Math Tutor/Grader

WSU Department of Mathematics and
Statistics | August 2023 – December 2024

SKILLS

Languages: Python, C/C++, C#, SQL,
Haskell

Libraries: Matplotlib (Python, plots),
Formsplot (C#, plots), pyeda
(python, Binary Decision Diagrams),
PyQT (python, GUI), psycopg
(python, PostgreSQL adapter)

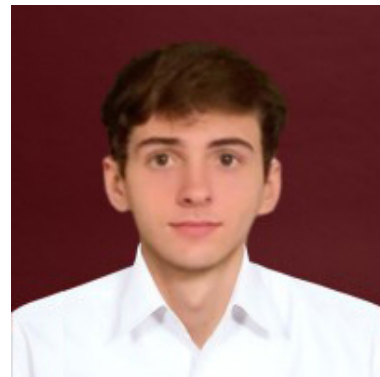
APPLICABLE COURSES

- Cpt_S322 Software Engineering (Python)
 - Math300 Mathematical Computing (Python)
 - Cpt_S321 Object-Oriented Software Principles (C#)
 - Cpt_S350 Design and Analysis of Algorithms
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KYLER KUPP

SOFTWARE ENGINEER

✉ kyle.kupp@wsu.edu



EDUCATION

Bachelor of Computer Science

Washington State University | 2025

Selah High School | 2021

SKILLS

Languages: C#, Python, SQL, C/C++, Javascript, Haskell

Libraries: PyEDA (python, Binary Decision Diagrams), PyQt (python, GUI), psycpg (python, PostgreSQL adapter), SFML

EXPERIENCE

Software Engineer Intern

Monson Fruit Company | August 2023 – December 2024

- Developed monitoring program to ensure maximal uptime for critical processes.
- Contributed to software that interacts with conveyor scales to weigh and process over 50 million pounds of cherries per year.
- Automated weekly report generation and distribution.

APPLICABLE COURSES

- Cpt_S322 Software Engineering (Python)
 - Cpt_S422 Software Engineering Principle II
 - Cpt_S321 Object-Oriented Software Principles (C#)
 - Cpt_S350 Design and Analysis of Algorithms
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