

Deliverable 1:

Team Description:

Team 3 comprises Josue Camilo, Danielle Rivas, Kyara Scott, Long Vu, and Jackson Wertz. Members of this team are either Juniors or Seniors in computer science, therefore have 3 to 4 years of experience in academic programming. Each member has a various level of experience and comfort in different programming languages(Listed Below). We hope each member will be able to bring their skills to the table to help this project succeed. Along with each team member listed, we have included their resumes.

Each team member and their skills:

Josue Camilo - JAVA, C, C++(limited)

Danille Rivas - JAVA, RUST(limited), and ML

Kyara Scott - JAVA, Python(limited), C, and ML

Long Vu - Python, Javascript, and JAVA

Jackson Wertz - JAVA, C#, ML, and Python(limited)

JOSUE CAMILO

West Reading, PA
josuecamilo98@gmail.com |

EDUCATION:

West Chester University

*College of the Sciences and Mathematics | Bachelor of Science in Computer Sciences
Computer Security Certificate*

West Chester, PA

Graduation: December 2022

RELEVANT COURSEWORK:

CSC 141: Computer Science I
CSC 142: Computer Science II
CSC 220: Foundations of Computer Science
CSC 231: Computer Systems

CSC 241: Computer Science III
CSC 241: Data Structures and Algorithms
CSC 301: Computer Security & Ethics

Reading Area Community College

Reading, PA

August 2017 – December 2019

RELEVANT COURSEWORK:

IFT 100: Intro to Information Technology
PRG 100: Intro to Computer Programming (C++)
WEB 100: Web Design I-HTML

NET 100: Computer Networking
CSC 241: Data Structures and Algorithms
PRG 260: Database Systems

SKILLS:

Languages: Java, C, C++

Technologies: Eclipse, NetBeans, Visual Studio, GitHub, Linux, SPSS, Microsoft Office

PROFESSIONAL EXPERIENCE:

University Student Housing

West Chester, PA

Front Desk Assistant

January 2022- present

- Support the USH staff by effectively and efficiently performing administrative responsibilities as assigned.
- Managed package intake and distribution to residents, while also ensuring resident safety and security at all times.
- Assisted in opening and closing the building.

Make the Road Pennsylvania

West Reading, PA

Development & Communications Associate

May 2020 – January 2021

- Assisted with fundraising events, social media, digital organizing, and data maintenance during election season.

GIANT Food Market

West Reading, PA

Grocery Associate

July 2018 – January 2020

- Answered questions related to merchandise. Applied customer service skills during customer assistance.
- Received, opened, unpacked and issued sales floor merchandise.

EXTRACURRICULARS:

Cybersecurity Club

West Chester University

Member

September 2021 - Present

- Learned common industry tools to utilize in the field (e.g., Wireshark, VeraCrypt, and Kali Linux).
- Honed in on cyber security discussions and related events associated with the future of technology.

Danielle Rivas

3412 Portland Drive

Whitehall, Pennsylvania 18052

daniellejivas@gmail.com • 610-554-9159 (mobile)

EDUCATION:

West Chester University of Pennsylvania, West Chester, Pennsylvania

Expected graduation date: May 2022

Bachelor of Science in Computer Science

Minor in Applied Statistics

Computer Security Certificate

GPA 3.72/4.0

West Chester University of Pennsylvania, West Chester, Pennsylvania

Expected graduation date: May 2023

Masters of Science in Computer Science

GPA 3.65/4.0

RELEVANT COURSES:

- Operating Systems
- Data Communications and Networking
- Data Structures and Algorithms
- Computer Security I
- Foundations of Computer Science
- Software Engineering
- Computer Systems
- Software Security
- Discrete Mathematics

TECHNICAL SKILLS:

- JAVA, Swift, React, OCaml
- HTML/CSS
- Python, C, Rust (beginner)
- NetBeans, VS
- Xcode
- GitHub
- React
- Microsoft Word and PowerPoint
- Terminal- Linux

EXPERIENCE:

West Chester University, West Chester, PA

Recreation Attendant

August 2021– Present

- Ensure that patrons are aware of and following the safety policies of the building
- Communicate between coworkers as well as patrons
- Collaborate with small and large groups of coworkers for training and shifts

Giant Food Stores, Allentown, PA

Customer Service Associate

May 2020 - Present

- Build customer and employee connections to ensure that everyone feels welcome
- Work as a second in command to the front end supervisor
- Actively follows policies and procedures to prevent fraud
- Navigate multiple tasks at once in a fast pace environment

Whitehall Township, Whitehall, PA

Camp Counselor

June 2019 -August 2019

- Cared for elementary aged children in a fast pace environment
- Communicated regularly between coworkers, supervisors, children, and parents
- Ensured a safe and fun environment was maintained at all times
- Engaged in teamwork between coworkers.

LEADERSHIP:

Women in Computer Science Club
Hands Helping Paws

Vice President
Volunteer Coordinator

May 2020– Present

May 2020 – Present

VOLUNTEER EXPERIENCE:

- **Brandywine Valley SPCA**, West Chester, PA
- **The Sanctuary at Haafsville**, Breinigsville, PA
- **SkillsUSA Council**, Allentown, PA
- **Dakota Galusha Memorial Fund**, Northampton, PA

Kyara Scott

scottkyara77@gmail.com · 610-308-4153 (mobile)

Current Address:

512 Hamilton St
Norristown, Pennsylvania 19401

Objective: Seeking employment where I may not only use my skills in Computer Science and leadership to help the company grow, but to further my skills and experience.

EDUCATION:

West Chester University of Pennsylvania, West Chester, Pennsylvania **Expected graduation date: May 2022**
Bachelor of Science in Computer Science
Cybersecurity Certificate
Minor in Japanese and Chinese (Mandarin)
GPA 3.69/4.0

RELEVANT COURSES:

- Object Oriented Programming
- Computer Security I & II
- Foundations of Computer Sci
- Data Structures and Algorithms
- Software Security
- Software Engineering
- Computer Systems
- Modern Malware Analysis
- Discrete Mathematics

TECHNICAL/NON-TECHNICAL SKILLS:

- Proficient in Japanese and Chinese
- Agile and Scrum
- C, JAVA, Python, ML, Assembly
- Netbeans, Eclipse, VS
- GitHub and Bitbucket
- Linux and Centos
- GDB
- Jira, Confluence, Jenkins
- WireShark

PROJECTS:

Tools for L3Harris Technologies **Software Engineer Intern** **June 2021- August 2021**
• Collaborated with a team of engineers to build a tool for L3Harris Technologies to analyze their Aviation systems.
JAVA Video Game **Head Programmer** **August 2019-August 2019**
• Designed a Java video game which required the player to move around and collect coins. • Prepared a video presentation which explained the purpose of the code and how our game ran.

EXPERIENCE:

L3Harris Technologies, Herndon VA **Software Engineer Intern** **June 2021 - August 2021**
• Intern for two FAA NextGen Airspace Modernization Programs where I developed applications in C to characterize system performance by analyzing air-traffic and weather data and troubleshooting for missed uplinks between ground stations and ADS-B equipped aircraft.
• Collaborated with a small team to plan sprints and assign tasks to each member.
Weis Markets, East Norriton, PA **Sales Associate** **May 2020 - January 2021**
• Advising the best and most fresh products to customers to ensure a quality sell.
• Ensuring freshness of product by checking their date of and donating extra products to charity.
• Organizing the next day's layout needed: preparing the breads for baking in the morning.

LEADERSHIP:

Asian Student Association **Vice President** **May 2019– May 2021**
• Recruit members into the club and survey their interest in club activities.
• Coordinated a trip to New York city which involved 30 students.

- Manage the club when the president is unable to.

Japanese Club

Treasurer

May 2020 – May 2022

- Responsible for organizing and financing events for the club
- Manage the club's finances to make sure we never went over budget on purchases

ACTIVITIES/AWARDS:

- **Awarded Board of Governors Scholarship**

Recipient

March 2018– Present

- **Japanese Tutor**

Tutor

September 2021- Present

Long Vu

hi@vulongm.com
<https://github.com/vulongm>
<https://www.linkedin.com/in/vulongm>

Education

West Chester University of Pennsylvania | West Chester, PA GPA 3.47/4.0
Degree: Bachelors of Science in Computer Science August 2019 - May 2022
Minor: Geographic Information Systems (GIS)
Certificate: Computer Security
Completed Courses: Data Structures & Algorithms, Computer Security & Ethics, Data Communications and Networking, Introduction to GIS, Computer Security, Software Engineering, Programming Language Concepts/Paradigm

Skills

Languages: JavaScript, Python, Java
Technologies: React.js, Node.js, Django, Git, Linux, Docker, REST APIs, GraphQL, PostgreSQL, ArcGIS

Experience

Lionbridge Technologies

Desktop & Mobile Search Reviewer February 2019 - July 2019

- Worked remotely to evaluate product quality and online search results in order to improve their content and quality by providing more relevant and interesting results to end users in the United States

Projects

Recipe Card December 2021 - Present

- Created a frontend recipe listing site using React.js with Redux, JSX, and CSS allowing users to create new recipes and share them with others
- Built a backend server using Python, Django, and PostgreSQL to store user and recipe information

Involvement

Cybersecurity Club | West Chester University

Member February 2021 - Present

- Learning about common industry tools like Wireshark, VeraCrypt, and Kali Linux
- Discussion of cybersecurity related topics with other club members including current events

Computer Science Club | West Chester University

Member August 2019 - Present

- Hosted workshop on GitHub and git commands for various operations such as creating a new repository, pull requests, commits, and branches
- Learning about various practices such as unit testing in the industry from guest speakers and other students

Jackson Wertz

25 Krauser Road | Downingtown, PA | 19335 |
(484) 340 7764 | jackson.wertz1205@gmail.com

Motivated student who demonstrates a strong work ethic and excellent problem-solving skills. Seeking to apply my experience and passion for software development at a summer internship where I can grow as a person, learn more about the industry, and create an ever-lasting impact that is greater beyond myself.

Education

West Chester University | 2019 – 2023
Bachelor of Science in Computer Science | West Chester, PA
Certificate: NSA/ABET Computer Security Certificate
Dean's List: Fall 2020, Spring 202

Relevant Coursework:

- CSC 141-240: Computer Science 1-3
- CSC 231: Computer Systems
- CSC 241: Data Structures and Algorithms
- CSC 335: Data Communications and Networking
- CSC 345: Programing Languages
- CSC 402: Software Engineering
- CSC 472: Software Security

Skill Summary

Programming Languages: Java, C#, C, Python, Ocaml

Technical: Github, Windows, Terminal, Computer Building, Maintenance, Troubleshooting, UML, virtualization platforms (VirtualBox), Understanding of basic network protocols, and Unity Game Development Software

Previous Work Experience

Giant Food Stores: Front End Cashier | Summer 2021 – Still Employed

Technical: Learned how to work as a team and solve problems, while also delivering optimal customer service in a fast paced environment.

Personal Projects

Text-Based Blackjack Game | 2018 | Coded in Java

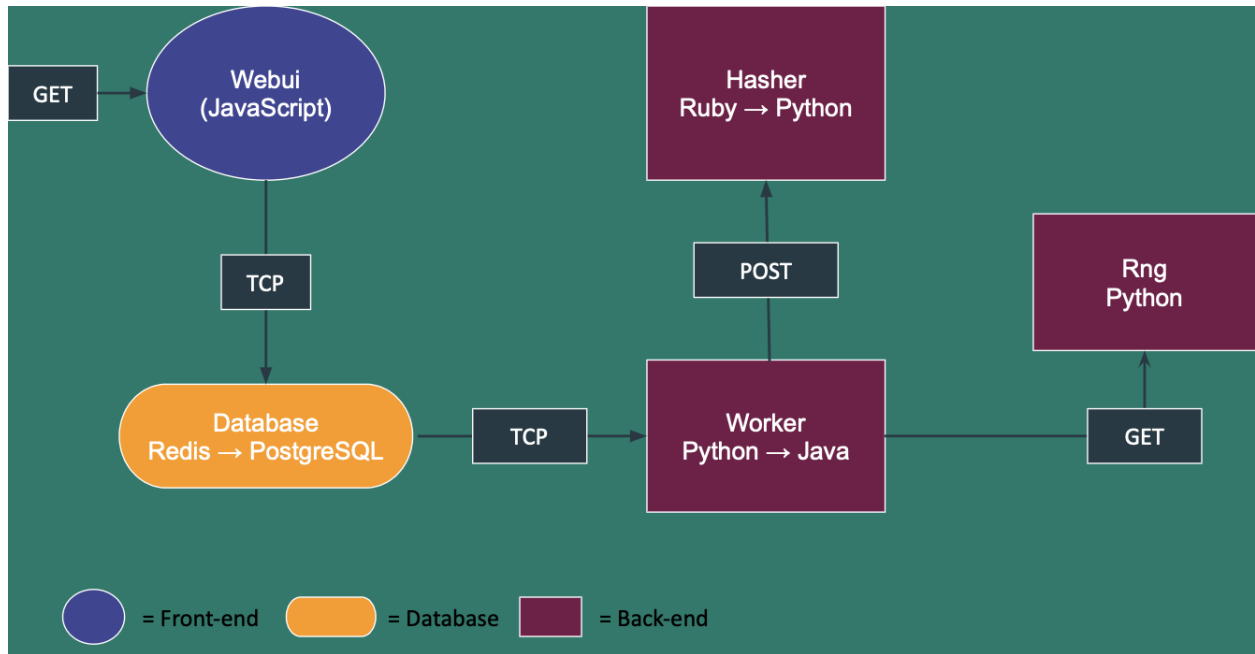
- Inspired by Fallout: New Vegas's Blackjack Table
- Used Advanced Object-Oriented Programing and Data Structures to simulate a deck of cards being shuffled and drawn from

Simple Legend of Zelda | 2019 | Coded in C#

- Simple Game created with Unity Game Development Software
- Used C# scripts and Unity Engine, including hitboxes, collision triggers, and physics, to make a simple multilevel *Legends of Zelda* game

Chapter 1:

For this project our team's vision for the coin miner is based off of the blueprint that was given. We plan to set up this project in a very similar manner, but eventually change some of the processes to languages we are more familiar with. Below is our blueprint for the project, and what we plan to change the services to.



Chapter 2:

Since none of the members have a background in cloud computing this will be our first time learning the subject and implementing code for it. Therefore, the first task for this project will be to learn everything required for the C-level's requirement first. Once we learn what is required for that level's requirements we plan to take this knowledge and implement it. When our team has properly implemented the C-level requirements we plan to move onto the B-level requirements and then hopefully the A-level requirements. This will be achieved by properly replacing some of the service designs by rewriting them in programming languages we are more comfortable with, such as Java instead of Python in the worker service since it is a common language that we all know.