

Team Inventory: DELL Pravega OLAP

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Prepared for: Derek Moore, Sachin Joshi, Sesh Mandalika

Faculty Mentor: Ananth Jillapelli

Team Members: Jose Robles, Boxiang Lin, Nate Tsige

Overview: Hello! We are excited to meet with you all to discuss the DELL Pravega OLAP project in further detail. The purpose of this document is to provide you all with an introduction to the team members for this project and to highlight everyone's experience, skills, and background.

Jose Robles

Major in Computer Science

Hometown: Richland, Washington



Education

Washington State University, Pullman, Washington

2020-Present

- Systems Programming in C
- Algorithm Analysis
- Software Engineering Principles
- Data Structures in C++
- Program Design Development in C
- Automata Theory

Work Experience

Microsoft

Redmond, WA

Explore Intern

May 2022 – August 2022

- Program Manager:
 - Managed a backend service feature for Office365 to develop deeper engagement with users as they utilize Office apps. Collaborated with PMs and SWEs to create necessary requirements to produce pitch and spec docs
- Software Engineer:
 - Utilized C# to integrate a configuration service and content delivery network (CDN) to increase user interaction in Office apps
 - Implemented parallelism to aggregate the services. Transformed JSON files for CDN storage and deserialized to access file content
 - Created a dashboard to log performance and success/failure function calls to validate the success and health of the project
 - Worked with Azure DevOps to create, pull, and merge PRs for collaboration

Skills

- **Languages:** C/C++, C#, Python, HTML/CSS/Typescript
- **Technologies:** Git/ADO Version Control, UNIX/Linux, Angular

Other Interests

- Weightlifting
- Playing basketball
- Watching soccer – Chelsea FC supporter
- Gaming – Rocket League, FIFA, Escape from Tarkov

Boxiang Lin

Major in: Computer Science

Hometown: Fujian, China



Education

Washington State University, Pullman, Washington

2020-2023

- Object Oriented Programming
- Algorithm Analysis
- Software Engineering Principles
- Data Structures in Java
- Intro Database System

Work Experiences

Visa Inc.

Austin, TX

Software Engineer Intern

May 2022 – August 2022

- Worked on Microsoft Dynamics 365 CRM configuration and customization.
- Performed data migration between CRMs via VS SSIS and KingswaySoft toolkit.

Srest Lab at Washington State University

Pullman, WA

Research Assistant

Feb 2022 – May 2022

- Worked on Android compatibility analysis.
- Scripts written in Python, Shell, and Matlab to classify incompatibilities from logs.

Washington State University

Pullman, WA

Teaching Assistant

Jan 2021 – Dec 2022

- Teaching assistant for Data Structure in Java and Advanced Data Structure in Java.
- Configured Gitlab Runner in a docker container on a remote server to 24 hourly build and test the code that students push to their repositories via CI/CD pipeline.

Skills

- **Languages:** Java, Python, C#, SQL, Javascript, HTML/CSS, C/C++, Matlab, Verilog
- **Technologies:** Microsoft SQL Server, PostgreSQL, MySQL, SQLite, Linux, Docker, Scikit, Numpy, Flask, Pandas, .NET, Nunit, Junit, Pytest, Git, Jira, BitBucket

Natnael Tsige

Major in Computer Science

Hometown: Addis Ababa, Ethiopia.



Education

Washington State University, Pullman, Washington

2020-Present

- Systems Programming with Java
- Programing language design
- Software Engineering Principles
- Data Structures with Java
- Automata Theory
- Object Orientated software principle with C#
- Data Mining

Skills

- **Languages:** Java, Python, Haskell, C#
- **Technologies:** Git Version Control, GitLab
- **Integrated development environment:** IntelliJ, PyCharm, VS studio/code
- **Unit testing:** NUnit, JUnit
- **Modeling:** UML

Other Interests

- Reading history
- Traveling
- Exploring other cultures