Veasna Bun

Tacoma, WA|(253)292-8099|veasna.bun@outlook.com
linkedin.com/in/veasnab/| github.com/veasnab|veasnab.github.io/CS/

Education

University of Washington Tacoma   Anticipated Graduation: June 2024
Bachelor of Science in Computer Science and Systems   Tacoma, WA
Related Coursework: Client-Server for the Internet, Computer Architecture, Data Structures, Discrete Structures, Engineering Probability & Stats, Fundamentals of Program Language Concepts, Machine Organization, Matrix Algebra, Programming Practicum, Software Engineering

Tacoma Community College   Graduated: January 2021
Associate of Arts in Computer Science   Tacoma, WA
Related Coursework: Java Programming I, Java Programming II

Technical Skills

API, Bootstrap, C, Client Server, CSV files, CSS, Data Structures, Erlang, Excel, Express, GUI, HTML, Java, JavaScript, Java Swing, Jupyter Notebook, jQuery, LC3, Linear Algebra, Linux, Microsoft, Word, MIPS, Node.js, OneNote, Python, R Programming, Restful-Service, Ubuntu, Virtual-Machine, Web APP

Projects

Project 1 – The Great Sacrifice Dueling Game Java, Excel.CVS

- Collaborated with a team of four to design and develop "The Great Sacrifice," a text-based dueling card game in **Java**, utilizing data structures like **Stack** and **Array** to simulate a deck of cards.
- Implemented efficient card management by reading card stats from **CSV files** and utilizing **HashMaps** for storage, showcasing strong attention to detail and organizational skills.
- Expanded **Java skills** by utilizing **Data Structures** like **Stack** and **Array** to simulate a card deck, while honing problem-solving and strategic thinking abilities through gameplay mechanics and card interactions in "The Great Sacrifice" dueling card game.

Project 2 – Multithreading and Matrix Multiplication|Python, Jupyter Notebook

- Implemented **Python module for multithreading** to showcase the practicality of matrix multiplication.
- Showcased a solid understanding of **linear algebra**, successfully implemented multithreading, and performed performance analysis.
- During the project, observed that the **multithreading** module's runtime was affected by frequent thread switches. **Python's single-thread** execution impacted overall performance.

Project 3 – User Account Interface|HTML, JavaScript, CSS, Bootstrap, Node.js, and jQuery

- Developed a robust **client-server web application**, showcasing **RESTful services** through a custom **user-account-interface-service API**.
- Implemented **user account creation**, **login functionality**, **profile icon updates**, and **profile settings modification**, enabling seamless user interactions.
- Gained hands-on experience in **HTML**, **JavaScript**, **CSS**, **Bootstrap**, **Node.js**, and **jQuery**, enhancing user experience through real-time communication.

Work Experience

Senior Machine Operator |Starbucks Coffee Company   November 2018 – October 2020

- Coordinated and led the Roast & Ground department, ensuring smooth operations and maximizing production efficiency.
- Demonstrated meticulous attention to detail and organizational skills by reporting and documenting downtime using OneNote, Microsoft Word, and Excel.
- Showcased a relentless commitment to personal growth and leadership development as a Starbucks partner, consistently seeking opportunities to expand my knowledge and acquire new skills.