

Rodyll Jan Eata

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EDUCATION

University of Nevada, Las Vegas

Bachelor of Science, Computer Science

Expected: May 2024

TECHNICAL SKILLS

Languages: Proficient C/ C++

Familiar: Assembly (x86, MIPS), Python, HTML, CSS, Quorum Programming Language

Operating Systems: Linux, Windows, xv6

Tools: Visual Studio Code, GitHub, Quorum Studio

RELEVANT COURSEWORK

Operating Systems (C, xv6)

- Discussed the goals of a good operating system and implemented goals into xv6, a text-based operating system
- Utilized Ubuntu on a virtual machine to write and compile programs in C

Data Structures (C++)

- Study the performance of algorithms to better understand their behavior in regard to big-O notations through algorithm analysis
- Develop programs with various abstract data type concepts such as list stacks and queues

Intro to Machine Learning (Python)

- Explored modern machine learning algorithms for regression, classification, clustering, and ensemble learning
- Apply algorithms to real-world datasets in an attempt to solve challenging problems in various domains.

PROJECTS

Quorum Language Machine Learning Library - Software Design Course Project

September 2023 - December 2023

- Developed a machine learning library with a team of five to expand the libraries for Quorum Programming Language
- Designed a Naive Classifier algorithm to classify the probability of words belonging to a specific class
- Collaborated with members through weekly Discord meetings and GitHub
- Contributed research to Quorum Programming Language to expand accessibility for machine learning

WORK EXPERIENCE

Arcade & Bowling Technician, Velocity Esports, Inc, Las Vegas, NV

June 2023 - Present

- Install software, modify and repair hardware, and resolve technical issues using various diagnostic tools
- Works closely with 4 team members per shift to resolve problems with malfunctioning products
- Demonstrate professionalism and courtesy to meet or exceed all customer service requirements
- Provide base-level IT support to non-technical personnel within the business

CERTIFICATIONS

Certificate of Completion

May 2018

Guam Community College/ Guam Department of Education Career & Technical Education Program, Okkodo High School

Electronics - IT - Computer Networking

ACTIVITIES

National Technical Honor Society, Member

March 2018 - Present

- Helped fundraise to meet deliverables
- Assisted in organizing and running events

Banal Na Pag-aaral, Volunteer

November 2022

- Participated in humanitarian events, including food drives for the homeless population of Las Vegas
- Assisted elderly homeowners with setting up decorations for religious holidays