MOHAMED-AMIN CHEAITO

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EDUCATION

Portland State University   *Portland, OR | 09/2018 – 06/2022*
- **Major:** B.S. in Computer Science
- **Cumulative GPA:** 3.98/4.00
- **Relevant Coursework:** Algorithms, Operating Systems, Data Structures, Object-Oriented Programming, Database Management Systems, Assembly, Software Engineering, functional programming

TECHNICAL SKILLS

Languages: C/C++, Javascript, HTML, CSS, SQL
Software & OS: MacOS, Github, Visual Studio Code

PROJECTS

The Kingdom Of Frupal   *Fall 2020*
Object-oriented adventure game built with C++ and ncurses
- Familiarized developers to a workflow utilized by many current industries.
- Workflow is modeled after scrum, an agile project management approach (Github).
- Performed testing and debugging on the medium scale software project to ensure smooth interaction with users (GDB).

Scheduler Optimization   *Winter 2020*
Optimization program made with C++ that enhances scheduler's performance
- Improved performance of a given scheduling algorithm that had performed in $O(n)$ and optimized to $O(1)$ utilizing appropriate data structures.
- Optimized turnaround time by running shorter processes first, preventing starvation, and minimizing response time without prior knowledge of process length by using past events to predict the future.
- Implemented a Multilevel Feedback Queue(MLFQ) to fulfill the objectives.

Basketball Statistical Application   *Summer 2021*
Application created in React Native and Javascript to keep track of statistics
- Designed and programmed front end user interface using React Native.
- Programmed front to view a player's performance by recording various stats.
- Implemented React Native with Javascript for their cross-platform feature to store players' data using Google Firebase's realtime database.
- Utilized Expo to develop, build and deploy the app onto IOS, Android and web apps using the same Javascript source code.
- Identified areas of improvement for the app's user interface.

WORK EXPERIENCE

Mediterranean Express Food Stall   *Portland, OR | 03/2016 - 03/2020*
Manager
- Overviewed approximately two hundred transactions per day.
- Managing records and receipts to ensure accumulation of profit.
- Contributed to the growth of the food stall.

OTHER SKILLS & INTERESTS

Languages: English (Fluent), Arabic
Interests: Mobile Application and Web Development, Software Development, Cyber Security, Basketball