Elias C. Mawa

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Software Projects

STAG (LINK)
Stag is a theme-able and modular CSS framework developed using pure SASS. Based on flexbox with a mobile friendly design, the framework also conforms to modern CSS3 & HTML5 standards.

GOBOX (LINK)
A general-purpose file sharing application developed using Go and JavaScript.

PNDO.ME (LINK)
The successor to GoBox. The application implements a cleaner interface, an accounts system, and private files.
- Backend API developed using TypeScript with MongoDB and MySQL as databases.
- Frontend developed using and server-side rendering with React/NEXT.js (web) and Flutter (mobile).

KURISU (LINK)
Kurisu is a general-purpose chat bot for the online community app Discord.
- Developed with TypeScript and MySQL as a database.
- The bot helps owners and administrators by streamlining various administration workflows for large servers.
- Actively used to manage multiple servers and over 2000+ users.

CHESS GAME
A chess game with a graphical user interface. The application was developed as a group project for my Software Engineering course.
- Features full gameplay against AI and local human opponents.
- Developed using Java and the Swing toolkit.

Leadership Experience

King's Computer Science Club
President
A club developed to increase interest and student literacy in computer science. Alongside my officers I led weekly homework help sessions, ran different presentations on interesting topics and invited in guest speakers.

King's Games Club
Event Organizer
King's Games Club also known as the Super Awesome Games Evening (SAGE), is a weekly club night for students to cool off while chatting, snacking, and playing games. SAGE is a club that organizes school wide LAN parties, card tournaments, and D&D sessions.

Education

The King's University, Edmonton AB
BSc. Computer Science, Under Progress

Edmonton Christian Highschool, Edmonton AB

Skills

Programming Languages
JavaScript/TypeScript, C/C++, Java, Dart and Go.

Frameworks
Koa.js/Express.js, React Native, Flutter, ReactJS, NEXT.js

Tools, Systems & Other
MySQL, RESTful APIs, NGINX, Linux, Shell Scripting, and Google Cloud Platform

Work Experience

McDonalds, Edmonton AB
Front Service, 2020 ⟶ Present
As a service crew member, I undertook duties such as taking orders, bagging orders, and making drinks.

St. Gregory's Landscaping, Edmonton AB
Seasonal Laborer, 2017 ⟶ Present
At St. Gregory's Landscaping I provided maintenance, design, and construction for residential and commercial properties. I constructed and maintained gardens, yards, and patios. I was also entrusted to provide solo duties and decisions.

Modern Cleaning, Edmonton AB
Nighttime Janitor, 2017 ⟶ 2019
Modern Cleaning provides cleaning contracts for commercial companies. As a nighttime janitor I performed janitorial and maintenance services.

Volunteer Experience

Trinity Christian Reformed Church
As a youth leader I helped the implementation of weekly events and helped to provide personal support to youths at church.

Rehoboth Ministries
Rehoboth is a group that provided special services for adults and children with mental disabilities. I would help the group out with programs.

Mustard Seed
Participated in general volunteer opportunities, targeted towards the homeless adult population in Edmonton. Mostly I was fond of painting nights where I would go out to paint & chat with homeless individuals.

Boys & Girls Club Canada
Participated in a program where I would play sports and connect with troubled Edmonton youths.