# Elias C. Mawa

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## Software Projects

### 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).

### 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.

### 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 API's, 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 ⋯→ Jan 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.