

# Eljohn Agojo



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Resourceful software programmer seeking a software development internship

## Education

University of Massachusetts Lowell  
*Bachelor of Science in Computer Science*

Expected Graduation May 2025

Coursework: Data Structures & Algorithms, Probability and Statistics, Discrete Mathematics, Calculus 2, Web-Development, Object-Oriented Programming (C/C++)

## Work Experience

**StarterKitz** | Remote  
Freelance Developer

- Developing and maintaining a comprehensive web application for chefs using ReactJS and Firebase ensuring a smooth user interface and experience.
- Created an admin panel for secure content management, utilizing Firebase custom claims for user role management.

**Cognizant** | Remote  
Generative AI externship

June 2024 - July 2024

- Participating in Cognizant's Synapse program to develop advance skills in Python and Generative AI.

**Wayfair** | Boston, MA  
IT Engineer (Co-op)

January 2024 - August 2024

- Developed a AI-powered Slack support bot, which leverages the Slack Bolt framework and OpenAI's GPT-4 turbo model to interpret and respond to tech queries within Wayfair, enhancing support efficiency and user experience.
- Created a PowerShell script that leverages PSGSuite, a module associated to Google's .NET SDK, to mass deprovision Chrome devices.
- Collaborated closely with a team to utilize the Zoom API to gather user information and optimize accessibility to Zoom licenses given to users.

## Projects

**KyMo** | JavaScript, React, TypeScript, Google Firebase, Docker, Tailwind CSS

- Developed a full-stack web app, KyMo, designed to foster community and streamline organization management. Key features include team and organization creation, personalized user profiles, and integration with Firebase for secure authentication and real-time updates. Utilized React and Tailwind CSS for an intuitive UI. Implemented community building tools like event scheduling, member invitations, and role-based permissions.

**Sokoban** | SFML Library, C/C++, Boost

- Developed a recreation of the classic "Sokoban" box-pushing game using the SFML library and C++. Enhanced the game by integrating advanced functions for sound effects and visuals. Implemented vectors to effectively manage object lifecycles within the game, ensuring smooth and reliable gameplay dynamics.

**The Powerlifting Bot(Discord Bot)** | Discord API, Python, MongoDB

- Developed a Discord bot using Python and the Discord API to gather and display user stats (Squat, Bench, Deadlift) for powerlifters, enhancing peer comparison and motivation within the server.
- Utilized MongoDB to efficiently organize and manage user data, ensuring quick retrieval and reliable storage of powerlifting performance metrics.

## Skills & Technical Tools

Languages: C, C++, Python, HTML/CSS, JavaScript

Technologies: React, React Native, NodeJS, Git, PowerShell, PSGSuite, SFML, Google Firebase, VS Code, ServiceNow, Github, Figma, SolidWorks(CAD), Quartus, MS Word, MS PowerPoint, Slack, OpenAI, TensorFlow(exposure), Django(exposure), Tailwind CSS

Operating Systems: OS(Linux), Windows

## Clubs and Leadership

Clubs: The Filipino Club, The Vietnamese Student Association, The Cambodian American Student Association, The Korean Student Association(EBoard member: Treasurer) and The Powerlifting Club.

Leadership: Student Mentor for The Asian American Center For Excellence And Engagement