

# Khym Nad

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Portfolio: khymnad.github.io/Portfolio   Location: Edmonton, AB

## Professional Summary

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Computer Science student at the University of Alberta with hands-on experience in full-stack development, RESTful API design, and scalable application architecture. Proven ability to deliver user-focused solutions, including a decentralized social platform and an award-winning neuroscience-based hackathon project. Passionate about building impactful, collaborative software.

## Education

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### University of Alberta

Sep. 2021 – Present

*Bachelor of Science in Computing Science, Minor in Mathematics*

*Edmonton, AB*

## Technical Skills

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**Languages:** JavaScript, Python, Java, C#, SQL, HTML5, CSS3, R

**Frameworks:** React, Django, Node.js, ASP.NET, .NET Core, Android XML, Firebase

**Tools & Platforms:** Git, GitHub, Gradle, Android Studio, Heroku, SSMS, Visual Studio, VS Code

**Concepts:** REST APIs, MVC, CRUD, OOP, Full-Stack Architecture

## Projects

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### Decentralized Social Network | *Python, Django, JavaScript, HTML, CSS, Heroku*

- Developed a decentralized social networking platform with Python and Django, enabling user profile creation, posting, and federated communication between nodes.
- Implemented custom RESTful APIs using Django REST Framework and PostgreSQL for scalable data storage.
- Deployed responsive frontend interfaces using HTML, CSS, and JavaScript, hosted on Heroku to ensure cross-browser accessibility.
- GitHub: [github.com/KhymNad/decentralized\\_social\\_network](https://github.com/KhymNad/decentralized_social_network)

### CABOA Official Website | *React, React Router, React Hooks, JavaScript, Framer Motion*

- Built a responsive website for the Central Alberta Basketball Officials Association using React and modern frontend libraries.
- Used React Router for client-side navigation, Hooks for functional state management, and Framer Motion to animate UI transitions.
- Improved visitor experience through dynamic event listings and executive profiles, increasing user engagement and session duration.
- GitHub: [github.com/KhymNad/CABOA](https://github.com/KhymNad/CABOA)   Live Demo: [khymnad.github.io/CABOA](https://khymnad.github.io/CABOA)

### NeuRomance (2nd @ natHACKS 2024) | *Python, NumPy, Pandas, PyWavelets, JavaScript, React*

- Created a neuroscience-powered dating app that integrates EEG brainwave input to match users based on emotional compatibility.
- Built full-stack architecture using Python for backend logic and REST APIs, and React for an interactive frontend interface.
- Achieved 2nd place at natHACKS 2024 by demonstrating novel application of biometric data to relationship technology.
- GitHub: [github.com/orgs/natHACKS-2024-idk/repositories](https://github.com/orgs/natHACKS-2024-idk/repositories)

## Certifications

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- **.NET Full Stack Developer — Board Infinity** (Jun 2025)  
*C#, ASP.NET MVC, RESTful API, SQL, Node.js, React* — Credential ID: DJ77BY6JRS5E
- **Backend Development for .NET Full Stack — Board Infinity** (May 2025)  
*C#, ASP.NET MVC, RESTful API, SQL* — Credential ID: V3LNKWU738W1

- **Frontend Development using React — Board Infinity** (Jun 2025)  
*JavaScript, CSS, HTML, Node.js, React* — Credential ID: 27XS9JUYDS3A
- **Foundations of Coding Full-Stack — Microsoft** (May 2025)  
*C#, ASP.NET, OOP* — Credential ID: 1F2TUS6BREEJ
- **Blazor for Front-End Development — Microsoft** (Jun 2025)  
*UI/UX Design, Blazor, C#, State Management* — Credential ID: BE7R8PA5VG74
- **Introduction to Web Development — Microsoft** (Jun 2025)  
*Git, HTML, CSS, JavaScript, JSON* — Credential ID: IY7QZ05BT2LC

## Work Experience

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**Cashier, Safeway Grocery — Edmonton, AB** **May 2023 – Sep 2023**

- Processed daily transactions and maintained register accuracy.
- Resolved customer issues and delivered professional service.
- Developed multitasking skills in a high-volume environment.

**Bakery Clerk, Sinnott's Your Independent Grocer — Red Deer, AB** **Apr 2022 – Aug 2022**

- Ensured product quality and performed inventory control.
- Maintained sanitization and compliance with food safety.
- Packaged and stocked baked goods per store presentation standards.

## Volunteer Experience

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**Vice Head Mentor, U of A Taekwondo Club — Edmonton, AB** **Mar 2024 – Apr 2025**

- Managed logistics for competitions and liaised with coaches and community leaders.
- Coordinated member mentorship and practice strategies.
- Led preparation efforts for local and regional tournaments.

**Teaching Assistant, TeamUP Science Interdisciplinary Competition — Edmonton, AB** **Feb 2023**

- Facilitated Python lab sessions for high school students.
- Provided guidance on algorithms, problem-solving, and debugging.