

Yslam Ismailov

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EDUCATION

University of South Dakota

Vermillion, South Dakota

B.S in Computer Science and Math minor

Expected Graduation: December 2027

GPA: 4.0/4.0, *Dean's List*

Courses: Object-oriented programming, Data Structures & Algorithms, Calculus 1, Calculus 2

SKILLS

Database Management: SQL, Firebase

Programming Languages: JavaScript, TypeScript, Python, PHP, HTML, CSS

Libraries and Tools: JQuery, React.js, Next.js, GitHub, Firebase, Material UI, OpenAI API, Vercel

EXPERIENCE

Software Engineering Fellow at Headstarter AI / Team Leader | USA (Remote)

Jul 2024 – Sep 2024

- Built 5+ full-stack AI application prototypes, developed with modern technologies like **React**, **Next.js**, **OpenAI API** and more
- Led a team of 3 software engineering fellows, by delegating tasks and mentoring
- Received mentorship from engineers at **Amazon**, **Google**, and **Capital One**, as well as **Y Combinator**-backed startup founders, focusing on the importance of staying curious, continuous learning, and maintaining health

Mentor in Technovation Girls Program | Turkmenabat, Turkmenistan

Jul 2022 - Sep 2022

- Coached aspiring tech girls of my team programming from scratch in 3 months mobile application
- Integrated no-code programming platforms to teach programming concepts in an engaging way

PROJECTS

SyncUp | <https://syncup-chi.vercel.app/login>

Sep 2024

- Collaborated with a team to develop a networking platform that combines features of Tinder and LinkedIn, enabling users to efficiently find coworkers and initiate chats
- Scaled to 800+ users through intuitive UI/UX and efficient matching logic
- Tech Stack: **Next.js**, **Tailwind**, **Firebase**, **React.js**. Check on [GitHub](#)

Flashcards SaaS | https://github.com/Yslami/flashcards_saas

Aug 2024

- Engineered flashcard software as a service with a payment service, which condenses information into easy-to-access flashcards.
- Tech Stack: **OpenAI API**, **Next.js** for back-end and **Material UI** for front-end and **Stripe**.

Pantry Tracker | <https://github.com/Yslami/Pantry-Tracker>

Jul 2024

- Developed a full-stack application, to manage and keep track of items in your pantry without any prior knowledge of **React** and **Firebase**
- Tech Stack: **Next.js** for back-end, **Firebase** for database and **React.js** and **Material UI** for front-end

AbatMarket | <https://github.com/Yslami/Abatmarket-E-commerce->

Nov 2021 - Feb 2022

- Engineered a prototype of an e-commerce website at the age of 16 to help my community with quick deliveries.
- Tech Stack: **PHP**, **JavaScript** (and **JQuery**) for back-end, **MySQL** for database and **HTML**, **CSS** for front-end. Check on [GitHub](#)

ACTIVITIES AND LEADERSHIP

Code Club at University of South Dakota

September 2024 – Present

- Leader and organizer of weekly sessions with 25+ participants. Present solutions for Leetcode problems and explain the algorithm

ADDITIONAL INFORMATION

- Hobbies:** Photo editing on Adobe Photoshop/Premiere Pro/ Animation, Playing Guitar, Calisthenics
- Languages:** English (Full Proficiency), Russian (Bilingual), Turkish (Bilingual), Chinese (Basic), Turkmen (Native)