

Erdene Batbayar

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EDUCATION

Northern Virginia Community College

Associate's in Computer Science

Sterling, VA

Jan. 2024 – May 2026

George Mason University

Bachelor in Computer Science

Fairfax, VA

Aug. 2026 – May 2028

EXPERIENCE

Sushi Chef

Wagyu Japanese Restaurant

Jan 2021 – Nov 2022

Ulaanbaatar, MN

- Prepared and artistically presented a wide variety of sushi dishes, including sashimi, nigiri, and specialty rolls, ensuring impeccable quality and visual appeal.
- Collaborated with the culinary team to design seasonal menus, optimizing ingredient usage and enhancing customer satisfaction.

Full-Stack Developer Intern

MindSpark Agency

June 2022 – Sep 2023

Ulaanbaatar, MN

- Optimized backend operations by implementing Docker and Prisma, resulting in a 30% increase in database response time for high-traffic applications.
- Developed adaptive web scraping solutions in JavaScript, ensuring data accuracy and delivering timely alerts despite frequent structural changes to target websites.
- Enhanced user experience by designing and refining key frontend features with Next.js, reducing bounce rates by 25% and improving load efficiency.

Tech Club - Slope Game Development

Northern Virginia Community College

Sep. 2024 – Present

Sterling, VA

- Enhanced visual quality and user experience by contributing to shader development and optimizing rendering processes.
- Developed and debugged complex shaders in a ray-marched 3D game built with OpenGL and Java, collaborating with a team to optimize game performance for smoother gameplay.

PROJECTS

AI Review Summarizer | Python, Gemini API, NLP, Streamlit

June 2024 – July 2024

- Engineered an AI-driven review summarizer leveraging Natural Language Processing (NLP) to analyze and generate concise summaries of product and service reviews.
- Boosted efficiency by significantly reducing the time needed to process large volumes of reviews, enabling users to extract valuable insights within seconds.

Online Banking System | Plaid API, Dwolla API, Next.js, ShadcnUI, TailwindCSS, Appwrite July 2024 – August 2024

- Designed and developed a robust online banking system with a custom user interface built using Next.js and Shadcn, providing secure access to financial data and seamless transaction management.
- Implemented Plaid and Dwolla API integrations to allow users to link bank accounts, monitor balances, and process transactions efficiently.
- Prioritized user-centric design and security, delivering a highly functional, intuitive, and secure banking experience.

Tech Club Event Reminder Bot | Python, Google Sheets API, Discord API, AI

Oct 2024 – Present

- Designed and deployed an automated Discord bot to deliver bi-weekly event reminders sourced from Google Sheets, reducing manual workload by 80%.
- Increased event participation by 40% through effective scheduling and dynamic, data-driven reminders.
- Streamlined deployment by integrating continuous delivery pipelines with TravisCI, automating plugin builds upon new releases.
- Enhanced community engagement by integrating AI capabilities to personalize announcements and provide intelligent, interactive responses.

TECHNICAL SKILLS

Languages: Java, Python, C, SQL (Postgres), JavaScript, HTML/CSS, Kotlin,

Frameworks: React, Three.js, Next.js, Node.js, Flask, JUnit, Material-UI, FastAPI

Developer Tools: Git, Docker, AWS, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ

Libraries: pandas, NumPy, Matplotlib, pyppeteer, streamlit