

Chin-Erdene Gantulga

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Education

University of Washington | | Seattle, WA

Expected Graduation: Fall 2025

B.S in Computer Science & Engineering at Paul G. Allen School,

- Relevant Courses: Data Structures and Parallelism, Intro to Object-Oriented Programming 1 & 2, The HardWare/Software interface, Systems Programming, Software Design and Implementation.

Skills

- **Programming Languages:** Python, Dart, Java, C, JavaScript
- **Frameworks/Tools:** Android Studio, IntelliJ, Git, GDB Debugger, PostgreSQL, Amazon S3, AWS Mule, HTML & CSS,
- **Libraries/Platforms:** AppWrite, GitLab, GitHub, Hugo, ReactJS, ReactNative,

Experience

[Steppe Group](#), Software Engineer

Nov 2022 - Aug 2023

- Steppe Group is an investment platform aiming to maximize returns for investors. The ongoing ORDA project is centered on creating a mobile application using Flutter and AppWrite API to help investors to participate in the capital market effectively.
- Implemented ORDA Flutter App with language selection features using AppLocalization, leveraging JSON-encoded Mongolian and English ~10,000 resource entries in the Application Resource Bundle (ARB) file, delivering a bilingual user experience.
- Participated in the integration of AppWrite's backend-as-a-service with the ORDA app built on Flutter, leading to the development of a budget-friendly platform that effectively addressed challenges associated with new user registrations.
- Increased efficiency in the ORDA Flutter app by reducing code redundancy through the implementation of provider packages, state managements, and method calls, resulting in a more structured file organization and a leaner codebase.

[Steppe Group](#), Software Engineer Intern

Sep 2022 - Nov 2022

- Created helper functions to check duplicate Registration IDs in the AppWrite database, a step that ensures ORDA app adheres to Mongolian regulations, particularly the KYC (Know Your Customer) requirements, which prohibit double registrations.
- Automated the ORDA Flutter app to directly fetch PDF files, contracts, and prospectuses from the web, enabling real-time updates based on web changes rather than relying on local storage; reducing hard-coded changes and enhancing responsiveness.
- Acquired practical skills in Object-Oriented Programming, the ORDA mobile app codebase, GitLab, GitHub, Git commands, Flutter, and AppWrite API, resulting in real-time project contributions and acceleration toward ORDA flutter app development.

[Seattle Collegian](#), Writer/Editor, Web Manager

Sep 2021 - June 2022

- Seattle Collegian is the independent student newspaper publication at Seattle Central College, committed to delivering on-time information to the student community.
- Enhanced the newspaper website using HTML, CSS, and JavaScript, increasing the website traffic by 300 viewers, as confirmed by Google Analytics reports, and secured a 1st place award for website excellence in the 2022 PIANJE Journalism contest.
- Reviewed and edited articles by fellow board members, ensuring adherence to Purdue Owl guidelines. Collaborated with the team to enhance reader engagement by utilizing insights from Google Analytics, resulting in sustained audience growth.

Technical Projects

SeedShare, Software Engineer

Sep 2022 - current

- SeedShare is an independent project that is centered around supporting innovative projects that are emerging from the rapidly expanding market; we offer efficient technological solutions to ensure faster, easier, and more efficient ways of raising funds.
- Incorporated payment systems QPay and Stripe APIs into our crowdfunding platform, broadening the platform's payment options as well as improving user experiences, resulting in a successful fundraising of 1 million Mongolian tugriks from clients.
- Created an admin panel for tracking payment logs using ReactJS, as well as storing files and images via Amazon S3 and AWS MuleSoft, which bolstered support for emerging projects in a rapidly expanding market with limited financial resources.
- Enhanced crowdfunding platform functionality by implementing email authentication, SMS messaging, reward processing, and user authentication, using PGAdmin and Postman, resulting in heightened user engagement and system reliability.