

DASHNYAM PUNTSAGNOROV

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Professional Summary

Computer Science student at Adelphi University (GPA 3.95) with hands-on experience in frontend development (React, Next.js, TypeScript, TailwindCSS) from an internship at AND Global. Strong background in mentoring, problem-solving, and algorithmic thinking, backed by tutoring roles and international Olympiad achievements.

EDUCATION

Adelphi University Garden City, NY

Bachelor of Science (BS), Computer Science (Software Engineering track, Cybersecurity Minor), *Expected May 2026*

Current GPA 3.956

HONORS & Awards

- Adelphi National Award, Presidential Scholarship, and Supplemental Presidential Scholarship (**\$33,500 total scholarships**)
- Mongolian District Math Olympiad – **2nd Place** (2019)
- Cambridge Science Student of the Year Award (2018)
- International Math & Science Olympiad (IMSO) – **3rd Place** (2016)

WORK EXPERIENCE

Orchlon International School – Teacher’s Assistant (09/2020 – 12/2021)

- Mentored **9th and 10th grade students** in Python programming, reinforcing core computer science concepts and preparing them for the IGCSE Computer Science exam.
- Designed and graded programming assignments, ensuring timely feedback and building students’ problem-solving confidence.
- Supported classroom technology by formatting and configuring Windows and Mac systems and maintaining computer lab equipment.

PCDP LLC – Front Desk Assistant Intern (06/2023 – 08/2023)

- Contributed to the **design and development team** by assisting in the creation of the company website, gaining exposure to real-world development workflows.
- Proofread and edited professional emails and project documents, ensuring accuracy and clarity in client communication.
- Coordinated client visits, delivered proposals, and provided support to maintain efficient office operations.

Adelphi University Garden City, United States of America

Tutor – Math & Computer Science Department - 01/2023 – 12/2023, 09/2024 – 12/2024, 01/2025-12/2025

- *Tutored students in Calculus I & II , computer science courses, and statistics courses, breaking down complex concepts into clear, step-by-step problem-solving methods.*
- *Guided students through quizzes and course materials, helping them improve academic performance and study efficiency.*

Lab Assistant – CSC 171: Introduction to Computer Programming - 09/2023 – 12/2023

- *Assisted Professor Siegfried in teaching programming fundamentals in Python, providing one-on-one support for debugging and coding best practices.*
- *Supported students in completing lab assignments, strengthening their understanding of programming logic and problem-solving.*

Statistics Grader – Math & Computer Science Department - 01/2024 – 05/2024, 09/2025 - 12/2025

- *Evaluated weekly lab reports and quizzes with precision, ensuring fair and consistent grading in collaboration with faculty.*
- *Provided constructive feedback to students, reinforcing key statistical concepts and analytical thinking.*

Math Tutor – Learning Resource Program - 09/2024 – 12/2025

- *Worked with students with learning disabilities, tailoring study strategies for math and computer science courses to match individual learning needs.*
- *Created custom study guides and practice problems, enabling students to build confidence and achieve measurable progress.*

AND GLOBAL Pte Ltd – Frontend Developer Intern (06/2025 – 08/2025)

- *Developed and optimized **Borrower and Admin Portal features** using React, NextJS, TypeScript, and TailwindCSS, enhancing user experience across multiple product types (Fixed Term, Revolving, Collateralized Loans).*
- *Designed and implemented **custom React hooks** to improve **data fetching, state management, and pagination persistence**, reducing redundant API calls and ensuring stable user navigation.*
- *Solved critical **state persistence issues** in the Admin Portal by transitioning from **Zustand stores** to **nuqs (URL query state management)**, enabling reliable deep-linking, bookmarking, and browser back-button support.*
- *Collaborated with the development team to **refactor application summary components**, ensuring accurate display of valuation data and loan product conditions, improving platform usability for both admins and borrowers.*
- *Applied **performance optimization techniques** (useMemo vs useEffect) to stabilize breadcrumb rendering and improve reload speed, ensuring pagination parameters persisted seamlessly across sessions.*
- *Worked in an **Agile team environment**, contributing to GitLab workflows, debugging with developer tools, and adapting quickly to evolving codebase requirements.*

TECHNICAL SKILLS

Programming Languages: Python, Java, C, C++, SQL

Frontend Development: React, Next.js, TypeScript, TailwindCSS, HTML, CSS

State Management & Libraries: Zustand, Nuqs, TanStack Query

Databases: MongoDB, SQL Queries

Tools & Platforms: Git, GitHub, Figma, Ubuntu, Linux CLI, Microsoft Office, Google Workspace

Other Competencies: Debugging with DevTools, Agile collaboration, Technical mentoring/tutoring