Emujin Tsogtjargal

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EDUCATION

Barnard College, Columbia University | New York, NY   Expected May 2027

Bachelor of Arts: Computer Science, Minor: Russian

Coursework: Intro to Java, Data Structures in Java, Calculus III

Maine East High School | Park Ridge IL   GPA: 4.81/5.00

TECHNICAL PROJECTS

Bookkeeper   https://github.com/emujintsogo/booktracker
- Integrated CRUD operations for users to track their reading, writing to a Firebase Firestore database
- Implemented user authentication using Firebase Authentication to ensure personalized access to data
- Utilized MUI components to create a responsive, intuitive, and accessible user interface

MinePlanner   https://github.com/emujintsogo/mineplanner
- Utilized React.js to make a productivity app made up of to-do list and a weekly planner
- Utilized local storage for personalized data to persist in browser

WORK EXPERIENCE

Schaumburg Township District Library | *Information Desk Assistant*   Jan 2023–June 2023
- Assisted patrons with event registration, booking conference rooms, and technology at the second largest library in Illinois
- Demonstrated attention to detail in cataloging incoming daily newspapers, taking attendance at events, and reporting on inventory

Foss Swim School | *Swim Instructor*   Apr 2022–Mar 2023
- Taught students of all ages survival swim and advanced swim techniques
- Provided excellent customer service and communication with parents and adult swimmers, reported on ongoing store deals, and created a welcoming environment for swimmers of all ability levels

TECH PROGRAMS

Headstarter AI Fellowship | *Track B Fellow*   July 2024-present
- Collaborated with teammates to deliver 5 AI-powered projects, culminating in a TBA final project

CodePath Technical Interview Prep | *Student*   June 2024–Aug 2024

- Learned and reproduced optimal answers and techniques for technical interview problems
- Collaborated with six groupmates to understand and implement solutions to common DSA questions

EXTRACURRICULARS

Columbia University First-Gen Low-Income Network | *Incoming Barnard Representative*   Sept 2024

Columbia University Girls Who Code | *Web Design Instructor*   Feb 2024–present
- Taught a class of 13 high school students HTML/CSS and basic JavaScript
- Guided students in creating final websites to demonstrate web design conventions, accessibility, and creativity

Women and Nonbinary in STEM Club | *Co-Founder*   Mar 2021–May 2022
- Co-created club charter, recruited members and solicited club sponsors
- Delegated committee responsibilities and monitored progress
- Hosted outreach events for 70 middle school gender minorities to encourage study of the sciences

TECHNICAL SKILLS

Languages: Next.js, React.js, Tailwind CSS, Python, Java