Chanbin Na

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EDUCATION

University of California, San Diego   La Jolla, CA
B.S. Mathematics-Computer Science, Minor Data Science   *June. 2025*

- **Coursework:** Data Structures, Algorithms, Operating Systems, Software Engineering, Programming Languages, Compilers, Networking, Security, Data Science and Data Analyzing

Shoreline Community College   Shoreline, WA
A.A. Computer Science (Graduated with honor recognition)   *Apr. 2020 – Aug. 2023*

EXPERIENCE

Republic of Korean Army   Seoul, South Korea
Squad Leader, Signaller(Networking Specialized Solider)   *Dec. 2020 – Jun. 2022*

- Leading, directing the **team of 10** to achieve misson objectives, and computer and system networking roles.
- Assembled networks such as **Ethernet and cellular** in army base, and expertise in **LAN cables, Fiber Optic cables, and managed servers**.

PROJECTS

ScheduleShare App – LIKELION Project | *React-Native, MongoDB, Figma*   Feb. 2024 – Present

- Led a team of **5 developers** to create a schedule share app.
- Utilized **React-Native** to design app UI (calander, search).

STUDYSPHERE – LIKELION Hackathon | *React, Node.js, Express.js, MySQL, Figma*   Feb. 2024

- Led a team of **5 developers** to create a study group matching website and ranked **top 10 Place** in the 2024 LIKELION US Hackathon out of 60+ teams.
- Utilized **React** to design website UI and backend(login, chat, group search and add function, video call)
- Utilized **Socket.IO along with Node.js** to create real-time chat function, and **MySQL** to store user data.
- Directed communication between front/backend & issue creation in **GitHub, speeding up workflow by ∼50%**

Rommate matching Website – ACM | *TypeScript, Node.js, MongoDB, C#, ASP.NET*   Sep. 2023 – Dec. 2023

- Led a **Frontend team of 3 developers** to develop roommate matching website using **React** and **Node.js and Express.js** for backend.
- Used **MongoDB** to store user data, roomate preferences, other important configurations.

2048 Game Recreation | *HTML, CSS, Vanilla Java Script*   July. 2023 – Aug. 2023

- Recreate the iconic 2048 game as a web-based platform, employing **HTML, CSS, and JavaScript** for frontend development.
- Engineered game mechanics using **JavaScript** for tile combinations, calculate scores, and other various game conditions.
- Enhanced user engagement and game performance by integrating **responsive design principles**.

ACTIVITIES AND LEADERSHIP

Frontend Mentor, Lead — LIKELION @ UCSD   *Feb. 2024 – Present*

- Helped and guided the student for their Frontend project in UCSD's LIKELION coding organization.

Frontend Project Lead — ACM @ UCSD   *Sep. 2023 – Jan. 2023*

- Led the team to build the Frontend part of the project.

TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript, C/C++, C#, HTML/CSS, Bash

Frameworks: React, React-Native, Node.js, Express.js, Flask, JUnit

Developer Tools: Git, Google Cloud, VS Code, IntelliJ, Jupyter Notebook, Figma, Vim

Databases & Libraries: pandas, NumPy, Socket.IO, Mongo DB, MySQL

Spoken Language: Korean, English