Hansol Lee

hclee672@gmail.com | linkedin.com/in/hansol-c-lee | github.com/hc-lee

EDUCATION

Oregon State University   Corvallis, OR
Bachelor of Science in Computer Science,   *Jan. 2023 - Jun. 2024*
GPA: 4.0

University of Washington   Seattle, WA
Bachelor of Science in Biochemistry,   *2017 – 2021*
Minor in Applied Mathematics
Interdisciplinary Honors Program

PROJECTS

MyHealthCare | *JavaScript, React, Node, Postman, Express, Sequelize, PostgreSQL*
- Designed, co-developed, and tested a REST API using Node, Express, and Postman in preparation for our React frontend integration then deployed the server on Render.
- Implemented a relational database schema for user data with password hashing, biometrics, user authentication, and authorization using the Sequelize ORM and PostgreSQL and hosted on Supabase.
- Organized server-side code using model, router, control, and service layers to handle and serve requests after performing CRUD operations.
- Authored extensive endpoint documentation for the front-end team to minimize debugging.
- 1st place project of the Oregon State Univ. 2023 Winter hackathon for the New Student category.

Reversi | *Python*
- Demonstrated knowledge in computer science concepts, including algorithm design, problem-solving, and OOP principles, through the successful implementation of the Othello rule set as a coursework project.

Personal Web Portfolio | *HTML/CSS, JavaScript*
- Used HTML/CSS, Bootstrap, and JavaScript to build a personal web portfolio with responsive design.
- Deploys out of Github through Netlify at https://hansol-lee.info

EXPERIENCE

Junior Scientist - Bioengineering   Nov. 2021 – Oct. 2022
Dotquant LLC   *Seattle, WA*
- Streamlined a proprietary nucleic acid aptamer selection process against cancer targets and immunoglobulins through experiment under minimal supervision of principal investigator.
- Contributions led to a 30% more time and material efficient procedure with minimal loss of fidelity and rapid characterization of several chemically modified RNA & ssDNA aptamers of clinical significance.
- Created and presented a company research poster at the 2022 Life Science Innovation Northwest startup convention and connected investors with upper management.

TECHNICAL SKILLS

Languages: Java, Python, JavaScript
Frameworks/Environments: React, Node.js, Express.js, Sequelize.js, Tornado
Developer Tools: Git/GitHub, Postman, Wireshark
Other: PostgreSQL, MongoDB, Web Development