Eunki Hong

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LinkedIn *linkedin.com/in/eunki-hong*   **Portfolio** *eunki-h.github.io/*
GitHub *github.com/Eunki-H*

EDUCATION

Georgia Institute of Technology, Atlanta, GA   Expected Graduation: May. 2024
Bachelor of Science in Industrial Engineering (Analytics and Data Science Concentration)
Minor in Computer Science (Computing & Intelligence)
- GPA: 4.0/4.0, Faculty Honors

Green River College, Auburn, WA   April. 2019 - March. 2021
Associate in Science - Transfer
- GPA: 4.0/4.0, Highest Honor & Mathematics Contest, 2nd place

SKILLS

Programming:	Python (Fluent), Java (Fluent), JavaScript, C++ / React.js, Express.js / SQL, R / HTML, CSS
Concepts:	Data Structures and Algorithms, OOP, Database Systems, Data Input/Manipulation, Simulation Analysis and Design, Regression and Forecasting, Basic Statistical Methods, Linear Algebra
Software:	MySQL, Microsoft Excel
Language:	Korean (Native), English (Professional working)

EXPERIENCE

Software Engineer (Contract), King's Heart Company LLC., Seoul, South Korea   July. 2022 - August 2022
- Created an official website for the client providing renewable energy consulting & investment services
- Developed the front-end design from scratch without any templates to leverage the contents provided from the client, using React.js with React-Bootstrap framework
- Founded the back-end to set up a server to interact with a customer information provided from the front-end, using Node.js with Express framework and Nodemailer module

PROJECTS

Bank Management Database Application, Atlanta, GA   February. 2022 - April. 2022
- Designed a complex EERD to develop a set of Relational and Physical Schema; also, transformed and uploaded a subset of the dataset into the team's bank management database
- Implemented the SQL queries for views and procedure for transactions needed to support the application

Data Analysis on Global Warming, Atlanta, GA   October. 2021 - December. 2021
- Extracted large datasets on global temperature/species/sea level based on HTML web scraping/API/CSV sources, using Python (Libraries*: NumPy/Pandas/Matplotlib/Sklearn)
- Proposed 5 insights and graphical visuals based on the correlations between 3+ datasets

Real-Time Chat Web Application, Atlanta, GA   September. 2021 - December. 2021
- Launched live chat rooms like GroupMe as a team project, using React.js, MongoDB Atlas, and socket.io
- Contributed to design and implementation of a front-end part to create a homepage and chat rooms

Minesweeper Console Application, Seoul, South Korea   September. 2020
- Emulated all the main characteristics like blocks, bombs, and flags, using Java and OOP concepts
- Utilized Depth-first search (DFS) for the function and made 3 different game levels

LEADERSHIP & INVOLVEMENT

Academic Tutor, MESA Center, Auburn, WA   October. 2019 - March. 2020
- Offered tutoring services 2-3 times a week to MESA students in Math, Physics and Chemistry courses

Worship Team Singer & Administration, Mokyang Church, Federal Way, WA   April. 2019 - March. 2020
- Served as the second leading singer of the worship team for the main service every Sunday
- Responsible for the accounting management as a secretary of Youth Executives