

Jin Gyu Lee

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EDUCATION

NEW YORK UNIVERSITY

Master of Science in Computer Science

Coursework: Discrete Mathematics; Programming Languages; Information, Security & Privacy

Graduate School of Engineering Scholarship

Expected Graduation: Dec 2021

GPA: 3.89/4.00

NEW YORK UNIVERSITY, Bridge to NYU Tandon(online)

Computer Science

Coursework: Recursion; Object-Oriented Programming; Linked List; Queue; Stack; Trees; Operating System; Networks

Apr - Oct 2019

Certificate of Completion with Distinction

UNIVERSITY OF WISCONSIN – MADISON

Bachelor of Arts in Economics with Mathematical Emphasis

Sep 2008 - Dec 2013

GPA: 3.40/4.00

TECHNICAL SKILLS

- Python, Java, JavaScript, C++, Kotlin, Haskell
- HTML5, CSS3, Git/GitHub, EJS, MongoDB, Mongoose, Node.js, Express, Passport.js, React
- Atom, Visual Studio, Android Studio, IntelliJ

INDIVIDUAL PROJECTS **click title to view the respective website or GitHub link*

RateMyWeddingVenue (Bootstrap, MongoDB, EJS, Mongoose, Express, HTML5, CSS3, Passport)

Jul 2020 - Present

- Designed and implemented a website for user-generated reviews and rating of Korean commercial wedding venues from the user's perspective
- Utilized MongoDB for the database; used Express and Mongoose for backend development
- Implemented account management using Mongoose schema, and EJS to make website dynamic according to the user's log in status

Coronavirus Daily Count for Friends (Bootstrap, Excel(API), HTML5)

Apr 2020 - Present

- Built and deployed a website to reflect up-to-date localized coronavirus statistics of locations where close friends and family are
- Used Bootstrap for mobile responsiveness
- Gathered official data provided through APIs from Johns Hopkins University, NYC Department of Health and Mental Hygiene, etc. (JSON, CSV)

Ants and Doodlebugs (C++, OOP)

Aug 2019

- Built a simulator that shows doodlebugs eating ants on a 2-D array grid and continues until one specie survives
- Incorporated inheritance to construct ant and doodlebug classes and implemented method calls from the classes to simulate the movement of the insects

Posting Website (MongoDB, EJS, Node.js, CSS3, Passport)

Jul 2020

- Built a website for users to log in and post secrets anonymously
- Used MongoDB to manage database for user accounts and their posts

WORK EXPERIENCE

STEM-Away | Software Engineer | Virtual Internship (HTML5, CSS3, Discourse platform)

Jul 2020 - Aug 2020

Responsible for Discourse Theme development of stemaway.com

- Worked in a team of 3 to improve website features and optimize the user experience
- Implemented time-stamp feature on posts, and updated post aesthetics by modifying CSS
- Modified navigation bar buttons and their features, and adjusted the navigation bar's default state by modifying pluginAPI's methods

LG Electronics | IoT/AI Specialist | Seoul, Korea

Dec 2014 - Jan 2020

Responsible for the launching of AI speakers, robots, home IoT solutions in the Korean market

- Successfully launched LG's first robot brand, CLOi, which provides public services at Incheon International Airport and commercial services at department stores and malls
- Applied LG's first home IoT solution to more than 10,000 apartment units
- Coordinated marketing strategy presentations and meetings with development and sales department

Responsible for demand prediction and brand management of vacuum cleaners and kitchen appliances

- Designed sales forecasting method for inventory management to improve prediction rate by 10% point

Republic of Korea Army | Military Strategy Soldier | Paju, Korea

Sep 2010 - Jul 2012

OTHER SKILLS

Proficient in Excel and PowerPoint; Fluent in English and Korean; Intermediate Mandarin