Hyunsoo Lee

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Education

CUNY HUNTER COLLEGE   New York, NY
B.A. Computer Science. GPA 3.51   May 2021 - May 2023
Relevant Coursework: Software Design & Analysis | Artificial Intelligence | DBMS

CUNY Borough of Manhattan Community College   New York, NY
A.S. Computer Science GPA 3.74   Aug 2019 - May 2021
Relevant Coursework: Data Structures | Software Development

Experience

WONPLE (South Korea)   Remote
Software Engineer   May 2022 - Present
- Designed and developed a single page web ecommerce app with Angular which separated the back-end server, boosting development efficiency.
- Built RESTful APIs with ASP.NET Core to serve data to the front-end and documented APIs for Wonple developer community, maximizing maintainability and scalability.
- Connected and engineered a third party payment gateway and identity verification service to Wonple back-end server.
- Redesigned and implemented strategies to distribute Wonple rewards to increase reliability for exceptional cases.
- Planned to develop mobile apps to improve user experience.

NEW YORK CITY DEPARTMENT OF TRANSPORTATION   New York, NY
Application Developer Intern   Sep 2021 - May 2022
- Created a neural network for automation of asset collection for NYC DOT, reducing third-party vendor costs.
- Developed a web database with fault-tolerant user input validations using Angular.
- Optimized rendering data on the map with the hypothesis that most data need not be rendered.
- Built RESTful APIs to perform database queries with ASP.NET Core.
- Introduced token based authentication, minimizing server resource usage.
- Worked with a supervisor in an agile scrum methodology, conceptualizing and integrating user stories continuously.

KOSNET TECHNOLOGY INVESTMENT (South Korea)   Remote
Software Engineer Intern   Jun 2021 - Aug 2021
- Collaborated with a product manager to build an automated option day trading engine.
- Designed a consistent user interface with Windows Forms .NET, providing intuitive instructions.
- Diagnosed, prioritized and resolved reported issues.

Skills

Programming (Familiar): C/C++, C#, Typescript, SQL.
Programming (Basic): Python, Kotlin, MongoDB, HTML, CSS, Javascript.
Operating Systems: Windows, Linux.
Framework: ASP.NET Core, Angular.