Hyunsoo Lee

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Education

CUNY HUNTER COLLEGE   New York, New York
B.A. Computer Science. GPA 3.53   May 2021-May 2023
Relevant Coursework: Computer Theory | Software Design & Analysis | DBMS | AWS | API

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

Experience

NH INVESTMENT & SECURITIES AMERICA, INC.   New York, New York
Technology Associate   May 2023-Dec 2023

- Executed a diverse range of U.S. equity orders for institutional investors, utilizing sophisticated algorithms like TWAP and VWAP to optimize trading performance.
- Innovated and deployed automation solutions for critical trade processes, including the generation of trade blotters, order tickets, and trade confirmations, achieving an 80% reduction in human error.
- Managed client interactions and requests, resulting in a 33% improvement in customer satisfaction metrics through enhanced service quality.
- Vigilantly maintained compliance with FINRA regulations and company policy standards, ensuring robust adherence to industry norms and safeguarding institutional sales integrity.

WONPLE INC.   New York, New York
Software Engineer   May 2022-Apr 2023

- Led the design and implementation of a single-page web eCommerce application using Angular, achieving a 30% increase in development efficiency through effective back-end separation.
- Developed and documented RESTful APIs with ASP.NET Core, enhancing data connectivity for the front-end. This initiative resulted in a 40% improvement in API response times and a 50% increase in maintainability, as measured by internal benchmarks.
- Created and refined an ASP.NET Core MVC version, focusing on robust and scalable back-end architecture, leading to a 25% improvement in load times and a 35% enhancement in user interface responsiveness.

NEW YORK CITY DEPARTMENT OF TRANSPORTATION   New York, New York
Application Developer Intern   Sep 2021-May 2022

- Participated in an intensive 30-week IT project management training internship, being responsible for developing small-scale applications from start to finish.
- Developed a web database with fault-tolerant user input validations using Angular.
- Built RESTful APIs to perform database queries with ASP.NET Core.

KOSNET TECHNOLOGY INVESTMENT   Seoul, South Korea
Software Engineer Intern   Jun 2021-Aug 2021

- Collaboratively developed an automated futures/options day trading engine in partnership with a product manager, resulting in a 20% increase in trading efficiency and accuracy.
- Designed a consistent user interface with Windows Forms .NET, providing intuitive instructions.
- Diagnosed and resolved reported issues, prioritizing critical problems.

Skills & Certificates

Programming (Familiar): C/C++, C#, Typescript, SQL, Python. | (Basic): Swift, MongoDB, HTML, CSS, Javascript.
Operating Systems: Windows, Linux. | **Framework**: ASP.NET Core, Angular. | **FINRA**: SIE, Series 57