Justin Kyuhyung Lee

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EDUCATION

Boston College | **Chestnut Hill, MA**

B.A in Computer Science | **GPA:** 3.4/4.0 | **ACT:** 35/36 (**99th Percentile**)   **May 2025**

Relevant Courses: Data Structures, Software Engineering, Algorithms, Human AI Interaction, Web App Development (React)

TECHNICAL SKILLS

Programming Languages: Python (Advanced), Javascript (Intermediate), SQL(Intermediate), Java(Intermediate), HTML, CSS
Tools & Frameworks: React, Django, Flask, MySQL, Git Version Control, Docker, Node.js

PROJECTS

Boston College 4 Year Course Planner | Full Stack Project   **February 2024**

- Worked with 4 other engineers to develop a fully functional course planning web application for Boston College with a dynamic **JavaScript** frontend, **Django/Python** backend, and **SQLite** database to store user information.
- Integrated data from a REST API provided by the Boston College IT Department and leveraged full-stack development practice to implement key features for course selection & planning for over **9000**+ students and staff.

PROFESSIONAL EXPERIENCE

Software Engineer Intern | Teamworks | Durham, NC   **June 2024 - Present**

- Developing a new feature within the travel module of the backend API to accommodate for customer trips consisting of multiple teams using **Python** & **Flask**, and writing documentation to ensure clarity and ease of use for future developers and end-users.
- Collaborating with engineers on the Strike Team to design and implement core functionalities for a new Facility Management feature, applying Software Development Life Cycle(SDLC) practices, including thorough debugging and writing unit tests/snapshot tests to ensure the maintainability and scalability of the code.

Chief Technology Officer (CTO) | Content Academy | Tenafly, NJ   **December 2023 - May 2024**

- Led the development of a Software as Service(SAS) product that uses an AI chatbot trained with historical client performance data to generate personalized short-form video/media scripts, significantly streamlining content creation processes for **250**+ customers.
- Helped drive **$40k** of revenue by identifying market trends, responding to customer feedback and refining the efficiency/speed of the software.

Software Engineer Intern | LG Electronics | Englewood Cliffs, NJ   **June 2023 - August 2023**

- Collaborated closely with the business intelligence team to write **Python** code for integrating LG's **MSSQL** database with **Airtable**, significantly improving operational workflows and data accessibility for sales representatives.
- Developed a comprehensive shipment validation tool using **Python, Flask, SQLite** and **Google Maps Address Validation API**, greatly enhancing the accuracy and efficiency of logistics operations.

Technology Consultant | Boston College EagleTech | Chestnut Hill, MA   **Jan 2023 - Present**

- Provide quality one-on-one customer support to **14,000**+ Boston College students, faculty, and staff
- Address, diagnose, and resolve issues regarding network connectivity, software installation, virus, hard-drive failures, operating system rebuilds, data recovery, and hardware configurations