JUSTIN LI

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EDUCATION

Rutgers University-New Brunswick   **New Brunswick, NJ**
Bachelor of Sciences in Computer Science, Minor in Data Science   *Expected May 2026*
Cumulative GPA: *3.9/4.0* | **Honors & Awards**: *Dean's List (All Semesters), SAS Excellence Award (2022-2024)*
Relevant Coursework: Data Structures & Algorithms, Linear Algebra, Calculus II for the Mathematical and Physical Sciences, Discrete Mathematics II, Physics II, Statistics I, Principles of Information and Data Management

WORK EXPERIENCE

Google   **New York City, NY**
Software Engineering Program (G-SWEP)   *October 2024 – December 2025*
- Selected to pair program with a Google Software Engineer for 10 weeks to prepare for technical and behavioral interviews

Hack4Impact   **New Brunswick, NJ**
Front-End Software Developer   *September 2024 – April 2025*
- Utilized React for building interactive, reusable UI components, improving website scalability and maintainability
- Implemented Tailwind CSS to design sleek, responsive layouts quickly and effectively by using its utility-first approach
- Leveraging React hooks like useState and useEffect, ensuring efficient state management and dynamic rendering

USACS   **New Brunswick, NJ**
Computer Science Mentor   *September 2024 – April 2025*
- Provide personalized guidance on computer science fundamentals (Intro to Computer Science & Data Structures)
- Assist mentees with improving their resumes, focusing on tailoring them for tech roles and internships
- Conduct mock interviews and practice coding challenges to build technical skills and confidence for interviews

Debevoise & Plimpton   **New York City, NY**
Software Engineering Intern   *June 2024 – August 2024*
- Created a Python script to classify and summarize files, using Weaviate and LangChain, with outputs in Excel
- Developed a full-stack web app. using .NET6 with SQL Server, and Bootstrap with jQuery to manage user information
- Built a console application to automate daily SFTP transfer of CSV file data of 150,000+ members from a SQL database

PROJECTS

User Interface Administration Platform
C#, JavaScript, HTML/CSS, ASP.NET MVC, Entity Framework, SQL, Bootstrap, jQuery   *July 2024 - August 2024*
- Built a full-stack web application in .NET 6 with SQL Server, featuring Bootstrap and jQuery for dynamic management
- Leveraged Entity Framework Core for efficient database operations, ensuring seamless CRUD functionality
- Integrated custom middleware for seamless authentication, authorization, and management of 1000+ user statuses

Summarization/Classification AI Chatbot
Python, Weaviate, LangChain, Llama Index   *June 2024 - July 2024*
- Built an efficient chatbot using Weaviate and LlamaIndex for summarizing and classifying web content
- Implemented hybrid query engines for enhanced content categorization and summarization
- Automated email reports with summarization results using Python's smtplib, ensuring timely communication of results

Huffman Coding
Java   *March 2023 - April 2023*
- Implemented Huffman coding, a variable-length prefix coding algorithm, in Java
- Developed an efficient Huffman encoding system that demonstrated a deep understanding of data compression principles
- Leveraged Java's powerful libraries to optimize the performance of the Huffman coding algorithm

TECHNICAL SKILLS

Programming: <u>Proficient</u> Java, Python, C#, HTML, CSS, SQL (MySQL) | <u>Familiar</u> JavaScript
Frameworks & Libraries: ASP.NET MVC, Bootstrap, Tailwind, jQuery, LangChain, Entity Framework Core, pandas, BeautifulSoup, React
Developer Tools: Visual Studio, Visual Studio Code, Git, Linux, Eclipse, Microsoft Excel, Jupyter Notebook

ADDITIONAL INFORMATION

Organizations: USACS, RUMAD, VSA, Key Club, CCF, Hack4Impact, HeadStarter
Volunteer: Long Branch Beach Coastal Cleanup, Marathon Support Staff, Youth Program Coordinator
Interests: 8-ball pool, gaming, bowling, weightlifting, thrifting, cooking
Languages: Proficient in Cantonese, Basic in German