

JUSTIN LI

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EDUCATION

Rutgers University-New Brunswick

Bachelor of Sciences in Computer Science, Minor in Data Science

New Brunswick, NJ

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, Introductory Data Science, Principles of Information and Data Management

WORK EXPERIENCE

Hack4Impact

Front-End Software Developer

New Brunswick, NJ

September 2024 – April 2025

USACS

Computer Science Mentor

New Brunswick, NJ

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

Software Engineering Intern

New York City, NY

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

Portfolio Website

HTML/CSS, JavaScript, Bootstrap, jQuery

July 2024 - August 2024

- Designed and developed a personal portfolio website to showcase projects, technical skills, and accomplishments
- Implemented a responsive, user-friendly design using Bootstrap, ensuring the website is accessible across various devices
- Integrated GitHub repositories and live demos of projects, providing visitors with direct access to working examples

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: Proficient Java, Python, C#, HTML, CSS, SQL (MySQL) | Familiar 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