JUSTIN LI

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EDUCATION

Rutgers University-New Brunswick
Piscataway, NJ *Bachelor of Sciences in Computer Science, Minor in Data Science*
Expected December 2025

Cumulative GPA: *3.879/4.00* | **Honors & Awards**: *Dean's List (All Semesters)*

Relevant Coursework: *Introduction to Computer Science, Data Structures, Computer Architecture, Introductory Linear Algebra, Calculus II for the Mathematical and Physical Sciences, Discrete Mathematics I, Physics I*

SKILLS

Programming Skills: Java, Python, MySQL, HTML, CSS, C, JavaScript
Developer Tools: Docker, Visual Studio, Brackets, Git, Linux, MYSQL Workbench, Eclipse, Microsoft Excel
Libraries: pandas, Tkinter, requests, json
Certifications: Learn C Skill Path (Codecademy), Pass the Technical Interview with Java Skill Path (Coursera), Python Data Structures (Coursera), Enrolled in The Complete Python Pro Bootcamp for 2023 (Udemy)

PROJECTS

File Integrity Checker   **New Brunswick, NJ**
Java   *December 2023 - Present*
- Implemented SHA-256 hashing to craft an immutable, distinct file signature
- Implemented the Sieve of Eratosthenes to establish hash values
- Leveraged the power of BigDecimal, BigInteger, MathContext, and ArrayList classes, adeptly managing overflow/underflow and constructing a flawless decimal-to-hexadecimal conversion function
- Implemented Java's Files class to empower users with efficient external file read/write functionalities

Static Clothing Website   **New Brunswick, NJ**
HTML, CSS, JavaScript   *July 2023 - August 2023*
- Crafted a captivating static website employing the dynamic trio of HTML, CSS, and JavaScript
- Designed a user-friendly and intuitive layout to showcase products
- Mastered HTML's layout methodologies to finesse product presentations, selectors, and headers

Snake Game   **Marlboro, NJ**
Python   *June 2023 - August 2023*
- Developed a cutting-edge graphical user interface to bring the electrifying Snake game to life
- Leveraged turtle and time classes to organize real-time updates for positions, scores, and dynamic snake segments
- Constructed a score-saving feature allowing users to store and access their highest achievements, managed within an external file

Huffman Coding   **Marlboro, NJ**
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

WORK EXPERIENCE

Kicky's Restaurant   **Aberdeen, NJ**
Receptionist, Host, Delivery Driver   *December 2021 - Present*
- Strategically managing the reservation system, guaranteeing precise bookings for both walk-in and reserved guests
- Proficiently addressing incoming calls, offering detailed insights into menu options, assisting with reservations, and clarifying restaurant policies, while consistently elevating customer satisfaction
- Efficiently delivering food to diverse locations, prioritizing precision, and timeliness, ensuring customer gratification

ADDITIONAL INFORMATION

Organizations: USACS, SEED2S, Chinese Christian Fellowship, RUMAD, VSA, Church in Marlboro
Volunteer: Long Branch Beach Coastal Cleanup, Marathon Support Staff, Youth Program Coordinator
Interests: 8-ball pool, Sudoku, minesweeper, Valorant, weightlifting, thrifting, cooking, Korean R&B, Badminton, Reading
Languages: Proficient in Cantonese, Basic in Mandarin and German