Harliv Kaur

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EDUCATION

New Jersey Institute of Technology, Ying Wu College of Computing   Fall 2019 - Present

Bachelor of Science in Computer Science and Business   GPA**:** 3.8
Minor in Data Analytics
Honors: Academic excellence scholarship, Dean's list- All semesters

RELEVANT COURSEWORK

Roadmap to computing (Python)| Introduction to Comp. Science I (Java) & II (Data structures)| Database system design and management|
Programming language concepts| Foundation of computer Science I (Discrete Mathematics)|Probability - Statistics| Financial Accounting|

TECHNICAL SKILLS

Java	JavaScript	MATLAB
Python	HTML	Structured query language (SQL)
C++	CSS	MS – Office Suit

PROJECTS

Online Bus Reservation System   January 2021 – Present

- In- depth study of Relational Database Management Systems(DBMS) and implemented structured queries in order to create a centralized application for state transport corporations.

- Authorized booking agents to log into the system and make reservations on any route, subject to availability. The system allows for reservation as well as for back-office administration and reporting.

Food Delivery Website/Application   January 2021 - Present

- Developed an online food delivery website and app from the scratch for the college while handling both front and back ends and the business side of the project.

- Demonstrated in-depth knowledge of Java, JavaScript, HTML, MySQL, PHP, CSS in order to create numerous features like live tracking system, hourly discounts, employee/customer sign in options etc.

Othello game in JAVA   June 2020

- Developed a game using JavaFx by implementing the knowledge of lists data structure and stacks and then parsed through it to make possible moves in the game.

- Implemented various methods, algorithms, and logics to move the game pieces around the gameboard. Built an undo-redo button using stacks for the pieces on board.

EXPERIENCE

New Jersey Institute of Technology   July 2020 - present

Learning communities peer mentor

- Supervise and mentor 100+ first-year students with adjusting and transitioning to college from high school by facilitating them with campus resources and help organize study sessions and tutor students for Computer Science, Physics and Mathematics exams.

- Serve as a teaching assistant during freshmen seminars while also serving as a liaison between the college of computing and students, link courses with their major and encourage them to go beyond their comfort zones.

Amnet Inc.   May 2019 – July 2019

Radio Frequency Data analyst intern

- Analyzed data by applying knowledge of functions and formulas in MS Excel files of Telecom 5G live testing of LAM/PSAP 911 calls all over USA while filtering out the successful calls using VLOOKUP. Provided live support to the field technicians and helped defining testing points by implementing knowledge of google earth and MS Excel.

- Submitted final reports for EOD review with complete success ratio leading to the completion of project with complete accuracy.

LEADERSHIP

Vice President and social media/public relations manager for Newark Sikh Student Association at NJIT

Special Invitation Member of The National Society of Collegiate Scholars

Diversity and Inclusion leader for the Brick city Bhangra, Newark

Volunteer Service at the Institute for Blind, a school for children with special ability.