CHRIS BIJU

COMPUTER SCIENCE STUDENT

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PROFILE STATEMENT

I am a Computer Science undergraduate at University College Dublin with almost two years of professional experience in FMCG, retail, and tech working under a wholesaling and distribution company. I am passionate about programming and using it to solve complex problems. I excel in academic and real-world problem-solving with effective teamwork and clear communication within all levels of the organization. As a multilingual (native English and fluent Malayalam) and multicultural, I am actively seeking a summer internship in Ireland to contribute my skills in professional projects and to further develop them.

SKILLS

Programming: C, Java, Python, SQL, R, Scheme
Platforms: Windows, GitHub
Technical/Programmatic: Data Structures and Algorithms, Office 365, Google Workspace, Trello

EDUCATION

University College Dublin   **Dublin, Ireland**
Bachelor of Computer Science (DN201)   *Expected graduation, May 2027*
- Stage 1 Overall **GPA**: **3.78/4.2**
- Stage 2 Autumn Semester **GPA**: **3.77/4.2**
- Minoring in Statistics
- **Related Coursework:** Data Structures & Algorithms, Databases, Artificial Intelligence, Object-Oriented Programming, Statistics, Computer Architecture & Programming, Discrete Mathematics

Salesian College Celbridge   **Celbridge, Ireland**
Leaving Certificate   *Aug. 2017 - Jun. 2023*
- Awarded a Certificate of Excellence for attaining the **highest result in Ireland** for the 2023 Leaving Certificate in Design & Communication Graphics (Higher Level).
- Achieved 567 points

PROFESSIONAL EXPERIENCE

Delight Foods Ethnic LTD   **Dublin, Ireland**
Management Trainee   *Aug. 2023 - Ongoing*
- Resolved software and hardware issues across the organization, ensuring a seamless work environment for all employees.
- Effectively managed accounts using Sage 50 software, including invoicing, processing credit notes, and maintaining an up-to-date database.
- Liaise with customers and partners to address issues and fulfill company needs.
- Manage the company's social media platform, ultimately improving the company's online presence.
- Developed creative designs and edited videos for company advertisements, including posters and promotional materials showcased at events with over 200 attendees.
- Represented the company at global food exhibitions, fostering international partnerships and improving on my industry knowledge

Dublin Tech Summit   **Dublin, Ireland**
Volunteer   *May. 2024 - Jun. 2024*
- Gained hands-on experience with Virtual Reality Ireland, assisting with VR equipment setup and guiding users. Engaged with companies including EY, Jaguar Land Rover(JLR), Flow, and Canva to enhance my communication skills and too gain knowledge of the companies.

PROJECTS

StudentAi | Python, Cohere API
- Developed a Python-based AI platform (StudentAi) using Cohere API that allows users to search for any topic and receive advanced text-generated responses via sophisticated language models.
- Allows a quiz module to generate MCQs based on the user's requests.
- In the process of implementing a web-based interface for better visibility

Gantt Chart Generator | C Programming
- Developed a command-line tool with a text-based interface to generate Gantt charts.
- Implemented a circular dependency checker to detect conflicts between tasks.

Kanban Board Tool | C Programming, File Management
- Built a command-line tool for managing tasks and subitems in a Kanban-style board.
- Utilized linked lists to optimize memory usage.

Heart Health | C Programming, Error Handling
- Calculated BMI, Blood Pressure, and Cardiac Risk assessments using real-world data
- Focused on robust error-handling functions to manage various types of user input errors.
- Implemented early exit conditions based on user results to improve code efficiency.

Multi-threading Practical | Java, Unit Testing, Object-Oriented Programming, Teamwork
- Developed a comprehensive multi-threading tutorial featuring hands-on exercises to guide learners in applying their knowledge.
- Implemented extensive unit tests to cover edge cases and assist students.

AI Unit Testing | Java, Junit 5
- Developed test cases to evaluate AI-generated Java code for correctness, reliability, and edge cases.
- Conducted a qualitative review of the code identifying the good/poor practices of AI-written code.

Departments Vacancies Database | MySQL
- Designed and implemented a MySQL database to model a company's vacant positions across multiple departments.
- Gained hands-on experience with developing 18 stored procedures, ER diagramming, data modeling, SQL query optimization, and transactional logic.