

# DHRISHAJ GARG

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## Education

### The University of Manchester

September 2021 – Present

*BSc (Hons) Computer Science with Industrial Experience*

*Manchester, United Kingdom*

- Achieved First Class (1:1) Honours (77%) in the first year.
- Modules Taken: Programming (in Java and Python), Data Science, Introduction to AI, Operating Systems, Databases, Algorithms and Data Structures, Software Engineering, Programming Languages and Paradigms.
- Upcoming Modules: Introduction to Visual Computing, Machine Learning, Distributed Systems

### Jasudben M. L. School

June 2006 – May 2021

*Council For The Indian School Certificate Examinations*

*Mumbai, India*

- Achieved grade of 92% in ISC (grade 12) and 96% in ICSE (grade 10) examinations.

## Experience

### The University of Manchester

September 2022 – Present

*Student Ambassador*

*Manchester, United Kingdom*

- Promoted the university by attending webinars, giving campus tours, and talking to prospective students during university Open Days.

### Smartech Global Solutions Ltd.

July 2022 – August 2022

*Software Intern*

*Mumbai, India*

- Designed wire-frames for Enterprise Resource Planning software, and mobile and web applications.
- Developed website search for company website using Azure Cognitive Services.
- Evaluated available APIs and resources and created reports to compare APIs depending on their efficiency, cost, and usability.
- Guided the working of projects by communicating the needs of the client to the respective programmers, communicating the concerns of the programmers with the clients and making progress reports.

## Projects

### Stendhal | *Java, JUnit Testing, Jenkins*

September 2022 – December 2022

- Made use of industry standard tools for version management, issue tracking, automated build, unit testing, code quality management, code review and continuous integration.
- Learnt about test-first development, parallel development and maintaining code quality, and git workflows.

### Spam Email Classifier | *Python, Jupyter Notebook*

May 2022

- Designed an algorithm that classified and identified spam email with 96.34% accuracy using Bayes Theorem.

### Patch - Pet Matchmaking Website | *HTML, PHP, JavaScript, MySQL*

January 2022 – April 2022

- Coordinated a team of 7 people to build a website that aimed at finding friends for a user's pets.
- Developed skills such as web development using PHP and HTML, database management using MySQL, effective use of Git, time management and effective communication using Trello Boards.

### Dolphin Dash | *Python*

October 2021 – November 2021

- Programmed a playable dolphin that dodged using collision detection. Completed user experience by making option to pause/unpause game, save progress, restart game and store user's score to display in a leader board.
- Learned more about Python programming, animations using Tkinter, file handling, and procedural programming.

## Technical Skills

**Experience with:** Python, Java, SQL, GitHub, Android Studios, MySQL, Linux/Unix Systems, Jupyter Notebook

**Exposure to:** C, JavaScript, HTML, CSS, SQLite, Eclipse

## Leadership / Extracurricular

### PASS Leader | *Department of Computer Science*

September 2022 – Present

- Guided 14 first year students through university life. Facilitated peer supported learning and am a point of contact for students for university resources.

### Events Officer | *UniCS - University of Manchester Computer Science Society (unicsmcr.com)*

June 2022 – Present

- Collaborated with 7 different departments of UniCS to keep the society running smoothly, organising social events and weekly workshops for student at the University of Manchester. Managed a team of 10 members.

### Student Representative | *Faculty of Science and Engineering*

September 2021 – June 2022

- Voiced student concerns to the faculty and gave the Department of Computer Science both negative and positive feedback from students. Attended monthly meetings with faculty and fellow student representatives.

## Awards

### Best Intern | *Smartech Global Solutions Ltd.*

August 2022

### Certificate of Active Rep Participation | *Manchester Students Union*

June 2022

### Smt. Yasmin Contractor Prize for Humanitarian Value | *Jasudben M. L. School*

July 2019

### Prize for Excellence in Computer Application | *Jasudben M. L. School*

July 2019