

SUDEEP DALAI

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PROFILE

Inquisitive, logical and analytical minded student, highly interested in Technology and Computers. Proficient in multiple coding languages, as well as Programming concepts. Looking eagerly to pursue a successful career in software development. Highly invested in up-skilling and learning new things related to the Technology Industry.

ACADEMIC BACKGROUND

Year(s)	Qualification / Degree	Board/ Department	University	Percentage / CGPA	Highlight
2017-21	B. Tech.	Computer Science	UPES, Dehradun	8.65 / 10	Rank 11/1000 in CSE Dept.
2016-17	AISSCE	CBSE	D.A.V Public School, CSPur	89.8%	A1 grade in 4/5 subjects
2014-15	SSE	CBSE	D.A.V Public School, CSPur	10 / 10	A1 grade in 5/5 subjects

TRAINING & PROJECTS UNDERTAKEN

Institution: *Java Technocrat* Duration: 06/2019 – 08/2019 (3 months)
Training: *Software Training in Java (Core and Advanced)*

MINOR Project - 1 Duration: 09/2019 – 12/2019 (4 months)

Project Title: *Labyrinth: A comparative analysis on various pathfinding algorithms*

Description: **Advanced Data structure and Algorithms** project on **pathfinding** in a **Virtual Maze**

- Efficiently implemented modern Graph Theory algorithm; **BFS, Dijkstra, A*** algorithms
- **600-man hours** of effort achieved as part of the project working on a **4-man** team for **100 days**
- **Co-ordinated and communicated** with technical experts, professors for project completion
- **Final Deliverables:** Console application of maze creation and pathfinding, comparison graph
- Compares and concludes the **best algorithm** suitable for navigation in a Maze Scenario
- Language Used: C, Concepts used: Data structures, Algorithms, Graph theory

MINOR Project – 2 Duration: 01/2020 – 04/2020 (4 months)

Project Title: *NewFeeds: A customized web scrapper for crawling latest feeds*

Description: Project on **scrapping various websites** for **latest updates** on specified topics

- **Formulated optimal logic** for the various **object-oriented** concepts in a web-crawler
- **400-man hours** of effort achieved as a part of the project working on a **3-man** team for **80 days**.
- **Final Deliverables:** Desktop Application for accessing latest news, videos and research papers.
- Provides an **all-in-one interface** for the end-user to check for latest updates on various platforms
- Language Used: Python, Concepts used: OOPS, Web crawling, Debugging

Project Title: *Desktop based Chatting Application*

Description: *Project to build a real-time chatting application using **Java Swing and Networking***

- Designed a methodical desktop application using **Java Swing and Socket Programming**
- **Final Deliverables:** Desktop application for **two-way chatting in real-time**.
- Language Used: Java, Concepts Used: OOPS, Java Swing, Socket Programming

SKILLS (Professional & Technical)

- **Softwares** : Eclipse, Oracle DB, MySQL, Microsoft Office
- **Languages** : Java, C, C++, HTML
- **OS** : Windows, Linux
- **Relevant Courses** : Applying Data Structures to Manipulate Cleansed UN Data, Fundamentals of Management (University of California), Object Oriented Programming with Java

AWARDS/CERTIFICATIONS

- **Oracle Certified Cloud Infrastructure Foundations Engineer (2020)**: fundamental knowledge of core cloud concepts and the services provided by Oracle.
- **1 out of 125** students from total of 1250 (**Top 10%**) to get **Rs 32,900 scholarship** by UPES for academic performance
- **Rank 8th out of 1000** participants in Science Engineering Connect **tech competition** organized by UPES

CO-CURRICULAR ACTIVITIES

- **National Mathematics Olympiad** (2007, 2008): **Silver Medal** at National Level for securing **>90 percentile**
- **National Children's Science Congress** (2014): Qualified for the district-level science project competition
- **UCMAS** (2006): **1st Rank** secured at State Level in All Odisha State UCMAS Competition for Calculation Excellence
- **RISE. UPES** (2017): **Social initiative** project on Water harvesting in Bidholi, Uttarakhand

EXTRA-CURRICULAR ACTIVITIES

- Rubik's Cube solving: **45 seconds** minimum time taken and **100%** solve rate in 3x3 Rubik's Cube.
- **Tritiya Sopan Proficiency Badge Holder** with 2 years' experience as a Boy Scout
- **Discipline Committee Member**: ensured the smooth organization of cultural and annual fests for 2 years

HOBBIES

- Nature Photography, Animal Photography
- Playing Cricket and Volleyball

PERSONAL DETAILS

- Date of Birth: 14 April, 1999
- Father's Name: Braja Bhusan Dalai
- Mother's Name: Soudamini Dalai
- Gender: Male
- Nationality: Indian
- Hometown: Bhubaneswar, Odisha
- Permanent Address: HIG 3/8, BDA Colony, Chandrasekharpur, Bhubaneswar, Odisha - 751016

I declare that the details above are correct and true to the best of my knowledge.

SUDEEP DALAI