KRUTARTH GHUGE

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EDUCATION

TRENT UNIVERSITY – Bachelor of Science Honours Computer Science   **Jan 2022 – Apr 2025**
- Majoring in Computer Science, Specializing in Data Analytics, and a Minor in Economics
- GPA: 83.03/100
- Dean's Honour Roll Awardee (2021-2022, 2023-2024)
- Relevant Coursework: Data Structures and Algorithms, Data Analytics, Database Management Systems, Software Engineering, Artificial Intelligence, Web Application Development, International Trades, Financial Economics

TECHNICAL SKILLS

Programming Languages: C#, Python, Java, C
Web Development: HTML5, CSS3, SASS, PHP, Node.js, React
Database: SQL, Microsoft SQL Server, Microsoft SharePoint
Other Technologies: Git/GitHub, Scrum & Agile Methodologies, Linux/Unix
Certifications: Google IT Support Professional Certificate, Canadian Investment Funds Course (IFIC), Microsoft Office Specialist – Word, PowerPoint, Excel

WORK EXPERIENCE

Atria University   Bengaluru, IND
Data Analyst Intern   **Jun 2024 – Jul 2024**
- Performed exploratory data analysis of Indian climate data from Climate Trace and Google Earth engine to find entity-level data on major greenhouse gas polluting areas and industries.
- This facilitated a 70% improvement in search for polluters which was a key project objective.

Cyber & Forensics Security Solutions   Peterborough, CAN
Cyber Security & Ethical Hacking Intern   **Apr 2024**
- Understand the purpose and importance of hashing and salting (hash security) in cybersecurity and learn about common hashing algorithms like SHA-1, SHA-2, and MD5.
- Attempt to decrypt provided hashed codes using online tools or custom scripts.

Trent University   Peterborough, CAN
Academic Assistant   **Sep 2024 – Dec 2024**
- Course(s): MATH 1110H (Calculus I)
- Conducted workshops and assisted the Professor with grading students' assignments and examination papers.

Student Marker (Multiple Academic Terms)   **Sep 2023 – Dec 2024**
- Course(s): COIS 2430H (Web Development Part I), MATH 1005H (Applied Calculus), MATH 1110H (Calculus I), COIS 2520H (Professionalism and Ethics)
- Assisted Professor with grading students' assignments and examination papers.

Student Tutor (Multiple Academic Terms)   **Sep 2022 – Dec 2024**
- Course(s): MATH 1005H (Applied Calculus), MATH 1080H (Math for Everyday life)
- Instructed students during drop-in sessions regarding course content.

Antardrishti   Mumbai, IND
Website Development Intern   **Nov 2020 – Oct 2021**
- Designed and maintained the online presence of Antardrishti, a career counselling service.

PROJECTS

United States Medical Insurance Costs - Data Analysis
- Description: Performed data analysis on the medical insurance costs dataset of the United States available from Codecademy, performing processes of mining, visualisation, analysis, and evaluation on the available dataset, and obtained key findings.

Online Bookshelves – Web App Development
- Description: Created a working web app library for eBooks. Users can add, share, view and review eBooks added to the online library by themselves and other fellow friends (or even others).

Rock Paper Scissors Game - JavaScript
- Description: Created a working online mode of the simple rock-paper-scissors game (hosted on GitHub site).

EXTRACURRICULAR ACTIVITIES

- Demonstrated strong leadership & team management skills as Captain and/or part of the **High-School Cricket, Football Teams** and as Chairman of Leadership in High School's Interact Club associated with local Rotary Club.
- Contributed to verbal communication and collaborative decision-making in Model United Nations (MUN) across the state.
- Showed commitment and organizational/motivational prowess as member of Secretariat at Model United Nations and as Organizing Committee Head at High School's Sports and Extra Curricular Events.