Rohan Kumar

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Education

University of Minnesota - Twin Cities   September 2021 - May 2025
Bachelor of Science in Computer Science and Data Science
- <u>Activities</u>: UMN Chess, App Dev Club, Video Game Dev Club, Indian Student Association
- <u>Relevant Coursework</u>: Data Structures and Algorithms, Machine Architecture, Linear Algebra, Discrete Math, Probability & Statistics, Internet Programming, Biosystems Engineering, Computational Biology

Technical Skills

Languages: Python, C, Java, JavaScript, HTML/CSS, R, x86 Assembly
Certifications: Front End Dev, Python Game Dev, Python Programming, MS Word, MS Excel

Experience

Front Desk Student Worker   Sept 2022 - Nov 2022
University of Minnesota- Twin Cities Undergraduate Office of Admissions (International & Transfer)   *Minneapolis, MN*
- Managed Front Desk to ensure students & visitors are assisted accurately & efficiently
- Operated with Task Lists for successful opening & closing of the Front Desk
- Managed incoming mail & coordinated with members for retrieval

Summer Intern   May 2022 - Aug 2022
University of Minnesota- Twin Cities Undergraduate Office of Admissions   *Minneapolis, MN*
- Presented engaging PowerPoints to 40-100 visitors about the University of Minnesota
- Operated with Task Lists & Spreadsheets to organize student information in a successful manner
- Managed Front Desk & assisted with coordination in events

High School Intern   Jun 2020 – Aug 2020
Genesys Works   *St. Paul, MN*
- Conducted thorough analysis by utilizing MS Excel to create weekly status reports & data analysis
- Designed & Presented PowerPoints for research & project developments
- Operated in Scrum Teams to collaborate on Project Coordination & QA Testing

Tutor / Teaching Assistant   Oct 2020 – Mar 2020
Centennial Senior High School   *Circle Pines, MN*
- Assisted main instructor with grading assignments & Projects
- Tutored groups of students in STEM courses- specializing in Science, Math, & History

Projects

Minerva | *Mongo DB MERN Stack, HTML/CSS, Google Maps API*   GitHub
- Designed & Developed a Full Stack Webpage under 16 hours
- Utilized Mongo DB MERN Stack to organize data & collect information from interaction on site
- Utilized Google Maps API to incorporate with the Front End to create an aesthetic user interface

Worlde Game| *Java*   GitHub
- Developed a terminal-based version of the popular New York Times Wordle game
- Implemented all original functions of the game & used algorithms/data structures for optimal performance

Chess Game| *Java*   GitHub
- Developed a terminal-based version of the classic Chess game
- Multiplayer option based on commands given and optimized code

Doodle Jump Game| *Java*   GitHub
- Designed & Developed a variation of the iconic Doodle Jump Game using Python's Pygame framework

Leadership Experience

Science Olympiad Vice Captain   Sept 2018 – May 2020
Centennial Science Olympiad   *Circle Pines, MN*
- Led a group of students to design & build a structure that won the State Finals Award
- Assisted teammates understand design elements in Auto Desk & Physics on wooden structures
- Helped the team win the first State Final Award & Regional Award based on performance & design