Reetesh Sudhakar

US Citizen | rsudhakar9@gatech.edu | (971) 470-7750 | reeteshsudhakar.com

EDUCATION

Georgia Institute of Technology   **Atlanta, Georgia**
Bachelor of Science in Computer Science   Expected Graduation May 2024
- Concentrations: Artificial Intelligence and Information Internetworks
- GPA: 3.75/4.00, Dean's List
- May-August 2022: Berlin Summer Abroad Program (Sponsored by College of Computing @ Georgia Tech)
- Relevant Coursework: Data Structures & Algorithms, Objects & Design, Computer Organization & Programming, Object-Oriented Programming, Linear Algebra, Discrete Mathematics, Database Systems

EXPERIENCE

Siemens Digital Industries Software   **Remote**
Software Development Intern   Dec. 2021 – Present

Oregon Health and Science University   **Portland, Oregon**
Research and Analytics Intern   Mar. 2020 – Aug. 2021
- Researched the effect of genetic and environmental factors contributing to cognitive decline, conducting 10+ unique behavioral assays in the Department of Behavioral Neuroscience
- Analyzed and reviewed 250+ behavioral assays using novel protocols, IBM SPSS Statistics, GraphPad Prism, to study possible genetic protective pathways for Alzheimer's development.
- Facilitated internal data organization standards to yield an increased efficiency of 25% in data collection and analyses across 15 collaborative projects.

PROJECTS

URL Shortener   **Sep. 2021**
- Created Flask web app to shorten URLs with random generated alphabetic redirected links using HTML and Python.
- Managed database using SQLAlchemy links to redirect users using previously created redirection URLs to prevent duplication and maximize user convenience.

Productivity Tracker & Visualizer   **Aug. 2021**
- Scraped project and daily habit tracking data across 3 months from Personal Notion workspace utilizing Notion API database integration to analyze 10 different data frames
- Generated real-time data figures (bar charts, events scatter plot, and other models on a variety of data sets) with Plotly and increased accessibility of use with a locally hosted data dashboard using Streamlit web app deployment services

"Effects of 5-Ion Beam Irradiation and Hindlimb Unloading on Metabolic   **Aug. 2021**
Pathways in Plasma and Brain of Behaviorally Tested WAG/Rij Rats"   **Frontiers in Physiology**
- Conducted 150+ metabolic pathway and statistical analyses (volcano plots, PCA, PLSDA, SPLSDA) using Metaboanalyst to co-author research on the effect of micro-gravity and simulated space irradiation on metabolic pathways in rats.
- Developed 20+ integrated metabolic pathway figures using 200+ box-and-whisker plots and KEGG pathways in GraphPad Prism to visualize significant metabolic changes among 4 experimental groups. Third author in publication.

ACTIVITIES AND LEADERSHIP

PepTalk Debate   **Broward County, Florida**
Co-President, Advisor   Jun. 2020 – Present
- Recruited 60+ mentors and accumulated 100K+ monthly impressions, compiling 250+ inaccessible publications, 25 lectures, demonstrative debates, and sample cases to enhance curriculum for 120+ underserved debaters across 27 states.

Fremont Debate Academy   **Fremont, California**
Vice President, Special Projects   Apr. 2020 – Present
- Organized initiative to introduce debate across 7 OR middle schools and implemented curriculum in compliance with 100+ Common Core State Standards to introduce debate classes into schools across 3 states by training 50+ educators.

SKILLS

Technical Skills: Python, Java, HTML, CSS, JavaScript, PyCharm, IntelliJ IDEA, Anaconda, GitHub, IBM SPSS Statistics, GraphPad Prism, Metaboanalyst

Business Skills: Agile Methodologies, Product Management, Business Analysis, Teamwork, Leadership, Problem-Solving

Certifications: Product Management First Steps, Project Management Foundations, Project Management: Technical Projects, Agile Product Owner Role: Foundations, Product Management: Building a Product Roadmap & Building a Product Strategy