Tejas Rajamadam Pradeep

(512) 665-0719   rptejas@gatech.edu   https://rptejas.wixsite.com/portfolio

EDUCATION
linkedin.com/in/tejas-pradeep

Candidate for BS Computer Science | Intelligence and Information Networks   **GPA: 3.92**

Georgia Institute of Technology • Atlanta, GA • May 2022   **Major GPA: 4.00**

Awards: Georgia Tech Faculty Honors - 2018, 2019; Georgia Tech Dean's List - 2018, 2019, 2020

Core Courses: Data Structures, Algorithms, Objects and design, Intro to AI, Computer Organization and Programming, Intro to systems and networking, Design and analysis of algorithms, Agile development

EXPERIENCE & PROJECTS
github.com/tejas-pradeep

SameTunes LLC | Head of API Design | sametunes.com   **May 2020 – September 2020**

Co-founding member of SameTunes LLC, a startup from Georgia Tech's Create-X program. An online portal for music compatibility driven through robust algorithm based interests match, SameTunes gained over 9k users at launch.

- Analyzed user stats using Spotify's APIs to generate insights and map music usage compatibility
- Full stack development on critical components of the portal, namely the user interface and friend engine for a seamless user experience
- Coordinated a team of four developers to create back end schema and related database structures
- Designed the user accounts page on the portal and reduced setup time to under 3 minutes.
- Front-end: Bootstrap & CSS, Backend: server-side scripting using php, and database management: MYSQL

Shipa Freight | Data Science Intern | shipafreight.com   **May 2019 – August 2019**

Interned at a start-up digital freight forwarder, focused on online freight solutions in the emerging markets.

- Provided insights to the sales team on customer behavior through data analysis on customer data
- Feature engineering using pandas, matplotlib, & numpy on large data sets to create meaningful trends
- Predictive analysis using machine learning along with clustering to help product positioning and marketing

EMADE | Research Assistant | urip.gtri.gatech.edu   **August 2019 – Dec 2020**

Automated Algorithm Design | Natural language processing using genetic algorithms.| Project sponsored by Google.

- Implemented genetic learning on Automated Algorithm Design using machine learning
- Created algorithms for natural language processing to analyze sentiment data from IMDB reviews
- Currently researching adaptive mutations to improve accuracy of primitive trees

LEADERSHIP

Teaching Assistant | Georgia Institute of Technology

- Teaching Assistant for CS1331 - Introduction to Object Oriented programming in Java
- Mentor projects & organize course materials such as homework, revision slides, and worksheets
- Tutor weekly review sessions to clarify and debug programs

Phi Kappa Theta Fraternity | Vice President

- Lead the talent acquisition program and manage events including logistics for 40+ attendees
- Interface with alumni and Georgia Tech officials to conduct on-campus events for personal development
- Lead volunteer management programs

SKILLS

Programming Languages: Java, C++, C, Python, PHP, JavaScript, HTML, CSS, SQL

Software and Tools: Bootstrap, jQuery, JavaFX, MySQL, MariaDB, Git, Microsoft Office

Concepts: Assembly, Artificial Intelligence, Machine Learning, Genetic Programming, Python Flask, Data Analysis, Predictive Analysis, Object Oriented Programming, API Design, JSON, Web Development, UI Design, Database Management, Scrum

Campus Involvement: Phi Kappa Theta Fraternity, GITMAD (GT Android Dev), Data Science at GT, Explore LLC, GT India Club