

# Tejas Rajamadam Pradeep

(512) 665-0719 | [rptej@gatech.edu](mailto:rptej@gatech.edu) | <https://tejas-pradeep.github.io/portfolio> | [linkedin.com/in/tejas-pradeep](https://www.linkedin.com/in/tejas-pradeep) | [github.com/tejas-pradeep](https://github.com/tejas-pradeep)

## EDUCATION

---

### Georgia Institute of Technology | Atlanta, Georgia

BS Computer Science | Intelligence & Information Networks

May 2022

GPA: 3.94, Major GPA: 4.00

MS Computer Science | Machine Learning

May 2023

**Awards:** Georgia Tech Faculty Honors - 2018, 2019, 2021, 2022; Georgia Tech Dean's List - 2018, 2019, 2020, 2021, 2022

**Core Courses:** Data Structures, Algorithms, Objects & Design, Intro to AI, Computer Organization & Programming, Intro to Systems & Networking, Design & Analysis of Algorithms, Agile Development, Computer Vision, Computer Networking, Machine Learning, Automata & Complexity, Database Design, Robotics & Perception, Mobile Application Design, Data Viz, AI Ethics

## EXPERIENCE & PROJECTS

---

### Meta | Software Engineering Intern | [pay.facebook.com](https://pay.facebook.com)

May 2022 - August 2022

*Interned at Meta Checkout Platform which supports \$10M in daily consumer payments*

- o Designed and developed code-generation system to generate consumer payments backend operations
- o Created a payments backend OMS that supports over 50K payment transactions daily
- o Leveraged Hack to create a code-gen system to increase efficiency for 40 engineers by auto-generating purchase workflows
- o Worked with 10 engineers across several organizations within Meta to launch configurable workflows system

### Twitter | Software Engineering Intern | [twitter.com](https://twitter.com)

May 2021 - August 2021

*Member of the MoPub Team at Twitter. MoPub accounted for approximately 14% of Twitter's revenue.*

- o Designed & developed an internal API became the backbone of key future business features
- o Interfaced with systems that handle over 2 billion ad requests a day
- o Leveraged PHP Symfony's features to enhance the existing code base to a more modern design
- o Collaborated with a team of 5 engineers to make the design more agile & flexible

### SameTunes LLC | Head of API Design | [sametunes.com](https://sametunes.com)

May 2020 - August 2021

*Co-founding member of SameTunes LLC, an online portal for music compatibility.*

- o Analyzed user stats using Spotify's APIs to generate insights & map music usage compatibility
- o Full stack development on critical components of the portal, namely the user interface & friend engine
- o Coordinated a team of four developers to create back end schema & related database structures

### Shipa Freight | Data Science Intern | [shipafright.com](https://shipafright.com)

May 2019 - August 2019

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

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

### EMADE | Research Assistant | [urip.gtri.gatech.edu](https://urip.gtri.gatech.edu)

August 2019 - Dec 2020

*Automated Algorithm Design | NL processing using genetic algorithms | Project sponsored by Google.*

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

## LEADERSHIP

---

### Teaching Assistant | Georgia Institute of Technology

- o Teaching assistant for Design & Analysis of Algorithms & Introduction to Object Oriented programming in Java
- o Mentor projects & organize course materials such as homework, revision slides, & worksheets

### Phi Kappa Theta Fraternity | Vice President

- o Lead the recruitment program & volunteer management for events including logistics for 40+ attendees

## SKILLS

---

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

**Software & Tools:** Bootstrap, jQuery, JavaFX, MySQL, MariaDB, JIRA, Symfomy, Anaconda, Git, Office productivity tools

**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