Eric E. Nunes

eric27n@me.com | (512) 350-5377 | 12112 Rayo de Luna Ln, Austin, TX 78732
linkedin.com/in/eric27n | github.com/eric27n

Summary

Undergraduate computer science student seeking to enroll full-time in a Master of Science in Computer Science. Skilled in software development and data science with aspirations to work as an applied scientist in an industry setting after obtaining a Master's degree. Interested in the fields of data science, machine learning, natural language processing, and data mining.

- Programming Languages: Python, C++, Java, R, SQL, JavaScript, HTML, CSS, C#, Scala, TypeScript
- Python Libraries: NumPy, Pandas, Matplotlib, Seaborn, Scikit-Learn, PyTorch
- Technologies: Git, Azure DevOps, Unix, Apache Spark, Postgres, React.js, Node.js, Express.js, LaTeX
- Languages: English (Fluent, U.S. Citizen), Portuguese (Fluent, Citizen of Brazil), Spanish (Intermediate)

Education

Texas A&M University — *College Station, TX*
Bachelor of Science in Computer Science; Minors in Mathematics and Statistics — *Expected May 2024*

- **GPA:** 3.872 / 4.000, Dean's Honor Award
- **Relevant Coursework:** Artificial Intelligence, Computer Security, Data Analytics in Cybersecurity, Data Science, Databases, Information Retrieval, Machine Learning, Software Engineering, Statistical Computing, Statistics

Experience

Texas A&M University Infolab — *College Station, TX*
Undergraduate Research Assistant — *Aug 2023 - Present*

- Conduct research on information retrieval with machine learning techniques under Dr. James Caverlee.

Texas A&M University Department of Computer Science and Engineering — *College Station, TX*
Peer Teacher, Program Student Coordinator — *Jan 2022 - Present*

- Tutored over 50 students in computer science courses per semester with a 95% approval rate.
- Uploaded weekly review sessions to YouTube, netting over 4,000 cumulative views in the first year and over 7,000 views since beginning the program, increasing a course's review viewership by 150% from a previous semester.
- Won the 2023 Peer Teaching Excellence Award, given to one peer teacher per year for outstanding achievement.

Microsoft — *Redmond, WA*
Software Engineering Intern — *May 2023 - Aug 2023*

- Developed a pipeline for an updated setting recommendation system in collaboration with the machine learning team on Intune, increasing scope to over 10k settings with 16% reduction in user error.
- Implemented a skill for Microsoft Security Copilot, gaining expertise on prompt engineering and generative AI.

Projects

Ocean of Noise [Python, HTML/CSS] — *Oct 2023 - Dec 2023*

- Constructed a music recommendation system with an emphasis on combatting mainstream bias in recommender systems through local fine-tuning and sourcing data from indie music station KEXP-FM.

Album of the Week Website [React, Node, JavaScript] — *Dec 2022 - Jul 2023*

- Developed a website for a student organization to centralize club activities for a club with over 60 active members.
- Automated club tasks among members and officers, saving an estimated 90 hours among officers every year.

American Airlines Bag Prediction [Python] — *Nov 2022 - Apr 2023*

- Managed a partnership between the Aggie Data Science Club and American Airlines to predict number of checked-in bags for flights, helping reduce costs through improved resource allocation.
- Led a team of over 50 students, enabling novice students to gain hands-on experience in machine learning techniques.

Leadership

Texas A&M Datathon, *Challenges Team Officer* — *Jan 2023 - Present*

- Create challenge problems for a data science-oriented hackathon of over 400 yearly attendees.
- Produce code notebooks and tutorial videos for attendees to help them gain skills in data analytics.

Album of the Week, *Automation Committee Officer* — *Dec 2022 - Present*

- Centralize organization activities and voting through the continuous development of the club's website.

Aggie Data Science Club, *Treasurer, Projects Officer* — *Dec 2021 - Present*

- Delegate financial obligations and define the role as the club's founding treasurer.
- Co-manage a team project and host Python machine learning workshops to over 50 students.