

# Aaron Duong

832-507-9433 | [duongaaron03@gmail.com](mailto:duongaaron03@gmail.com) | [linkedin.com/in/duongaaron/](https://www.linkedin.com/in/duongaaron/)

## EDUCATION

### Rice University

Houston, TX

*Bachelor of Arts in Computer Science & Bachelor of Arts in Business (Concentration in Finance)*

*Expected 2025*

GPA: 3.69

Relevant Courses: Neural Networks & Artificial Intelligence, Discrete Math & Algorithms, Data Structures, Multivariable Calculus, Linear Algebra, Probability and Statistics

## EXPERIENCE

### Software Developer

May 2023 – Present

*RiceApps Internship*

*Houston, TX*

- Collaborate on a team of 5 to build an e-commerce web application using React, CSS, Javascript, and HTML.

### Machine Learning Researcher

May 2023 – Present

*University of Texas Health – P.I. Yejin Kim*

*Houston, TX*

- Researching the impacts of GPT-4 on predicting patient diagnosis and outcomes based on symptom input.

### Machine Learning Researcher

May 2023 – Present

*Rice University – P.I. Anastasios Kyrillidis*

*Houston, TX*

- Research and develop an algorithm to solve the linear regression problem of matrices using a sampled features technique.

### Data and Research Analyst

Oct 2022 – Present

*Jones Graduate School of Business*

*Houston, TX*

- Created and managed a CRM system in Excel to transition into a more efficient process of handling data as opposed to Rice's previous CRM system.
- Successfully transformed and optimized 15,000 rows of Excel data to integrate into a CRM system made from scratch.
- Developed efficient and accurate Excel code to automate data processing and visualization to increase efficiency ten-fold across multiple sheets, resulting in streamlined workflows and improved data accuracy.

### Data Science Researcher

Aug 2022 – Dec 2022

*Rice Data Exploration and Experiential Projects Program*

*Houston, TX*

- Collaborated in a 5-person team on a semester-long data science project, leveraging analytical skills to investigate and present insights on the relationships among diverse nutritional attributes across Starbucks menu offerings.
- Employed machine learning techniques to process and analyze the Starbucks menu, providing actionable insights that empower consumers to make informed nutritional decisions when selecting items from the menu.

### Logistics Committee Member

Oct 2022 – Jan 2023

*Rice University Datathon*

*Houston, TX*

- Designed and executed an innovative event navigation solution by developing a user-friendly map, streamlining participant experience, and enhancing event engagement (400+ participants).

### STEM Tutor

Nov 2022 – Feb 2023

*Paper Tutor*

*Remote*

- Delivered K-12 online education using inquiry-based techniques, promoting critical thinking and engagement.

### Captain and Invitational Co-Director

Aug 2021 - May 2022

*Cypress Falls Science Olympiad*

*Houston, TX*

- Planned and executed Texas' largest Science Olympiad invitational for over 500 participants, alongside leading team meetings, local competitions, and social activities.

## SKILLS, AWARDS, INVOLVEMENTS, INTERESTS

**Skills:** Python, Keras, TensorFlow, Java, React, HTML, CSS, JavaScript

**Awards:** UNCF Chevron Scholar, Science Olympiad Medalist (TX), 2x TISCA Academic All-State

**Involvements:** Club Water Polo, Campanile Orchestra, Rice Business Society, CS Club, Vietnamese Student Association, Chinese Student Association, BASYK K-Pop Dancer

**Interests:** Water Polo, Table Tennis, Mountain Biking, Playing Trumpet, Hiking