

Rishi Santhanam

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EDUCATION

Texas A&M University (Grad. Spring 2024)

BS Computer Science, Business Minor

Relevant Coursework: *Data Structures and Algorithms, Operating Systems, Machine Learning, Programming Languages, Computer Organization, Programming Studio, Analysis of Algorithms*

SKILLS

Technologies: *C++, C, JavaScript, Python, Java, HTML/CSS, Swift, Shell Scripting, React.js, Node.js*

Fluent Languages: *English, French, Japanese, Tamil*

Other: *Graphic Design, Audio Engineering, Basketball, Public Speaking, Management*

PERSONAL PROJECTS

([CHECK WEBSITE FOR MORE](#))

Atelier (Tech Stack: *React.js, Node.js*) ([Website Link](#)) ([GitHub](#))

- Atelier provides artists with a convenient platform to showcase their work, and art lovers with an easy way to discover new and exciting artists and artworks.

Namu Database Creator (Tech Stack: *C++, makefile*) ([GitHub](#))

- NamuDB is a program that allows you to store and retrieve data from a database. It features custom encryption, double encryption, and much more.

Population Simulation: A Study on Gene Variance (Tech Stack: *Python and Py Libraries*) ([Write-Up](#))

- An experiment I simulated in a custom simulation engine where I created a sample population and tracked the evolution of custom personality traits within that population.

WordChain (Tech Stack: *HTML/CSS, JavaScript*) ([Website Link](#)) ([GitHub](#))

- A game about chaining words together, created during HackTX 2022. You are given a random topic, and must input words related to that topic. The first letter of the new word must be the same as the last letter of the proceeding word.

Eigood (Tech Stack: *Swift, SwiftUI*)

- An English-learning app for Japanese speakers. Has custom-made lessons enabling a greater understanding of the English language.

WORK EXPERIENCE

Head Attendant (Texas A&M Recreational Sports) (08/2021 - 09/2022)

- Monitored weight room etiquette and safety for up to 600 patrons, worked on hiring committee and trained newly hired employees, attended leadership conferences and managed attendants over 3 facilities

Peer Mentor (Texas A&M College of Engineering) (08/2021 - 12/2021)

- Mentored freshman year engineering students, helped them with problems and worked with professor to grade papers and assignment, met with students 1 on 1 to help them prepare for Entry-to-a-Major process

Mathematics Tutor (Mathnasium KV) (06/2019 - 12/2019)

- Tutored kids from grades K-12 in Math ranging from basic arithmetic to Calculus, tidied establishment and organized files for 70+ students