RICHARD GATCHALIAN

+18323406636 | ricgat523@gmail.com | linkedin.com/in/richard-john-reyes-gatchalian-28b844207

github.com/richard523 | richardgsoftware.com/

EDUCATION

University of Texas - Dallas
Bachelor's, Software Engineering

PROFESSIONAL EXPERIENCE

On1y LLC   **Remote**
Java Android Intern   *September 2023 - December 2023*
- Spearheaded Google TV development and finished prototype in 1 month
- Coordinated with 6 other team members in a startup environment using Trello Board
- Utilized AWS CodeCommit and Vimeo for video storage and commited 20 hours a week towards development while maintaining 2 other jobs (Code Ninjas).

Code Ninjas   **Tanglewood, TX, USA**
IT   *August 2023 - Present*
- Increase the company's Fall weekly revenue by at least 20 percent
- Manage IT troubleshooting, video editing, teaching C++ programming 1 on 1, monitoring system for staying on task, and teaching up to 16 students.
- Earning certifications while working.

PROJECTS & OUTSIDE EXPERIENCE

DollarDiagnosis | HackRice 36 Hour Hackathon   **Rice University**
dollardiagnosis.com   *October 2023 - Present*
- A Generative AI mental health application hosted on GCP

Professional Musician Website   **Denton, Texas**
dearmantuba.com   *May 2023 - May 2023*
- Developed an engaging website for a tuba player using TailwindCSS, NextJS, and Prisma.
- Incorporated features such as email storage and dynamic calendar event display to enhance fan interaction and event.

1st Place Calmify Anxiety App | UTD 24 Hour Hackathon   **Richardson, Texas**
github.com/richard523/AnxietyDiffuser   *April 2023 - April 2023*
- Created a successful app to manage anxiety attacks through fixed point meditation, earning 1st place in the Hack AI Generative AI Category.
- Integrated StyleGan-XL on AWS Sagemaker to generate high-quality calming videos in real-time,
- Implemented Spacy and GPT 3.5 Turbo to deliver personalized content and responses based on user input.
- Developed a dynamic web app using Flask for seamless user interactions.

Image Generation Web | t3-discord-art.vercel.app   **Katy, Texas**
Side Project   *January 2023 - February 2023*
- Built text-to-image Discord Art Gallery application that sends generative AI images directly to a user-facing website with NextAuth.
- Utilizing local GPU, NextJS, Stable Diffusion, and MySQL AWS RDS for a robust, low cost, and efficient web app to Discord chat communication.

YouTube Transcript API Google Chrome Extension   **Richardson, Texas**
Artificial Intelligence Society Mentor   *September 2022 - December 2022*
- Mentored 7 other developers in building a Generative AI Google Chrome Extension that summarizes YouTube videos.
- As of September, 2023, Bard AI now has a feature called "Bard Extensions" where we can chat about YouTube videos.

CERTIFICATIONS

Google Advanced Data Analytics

SKILLS & INTERESTS

Skills: Next.js, AWS, Git, HTML/CSS, Microsoft Azure, TypeScript, SEO, Python NLTK, Natural Language Processing (NLP), AngularJS, .NET, C#
Interests: Data Analytics, Full-stack Web Development, Generative AI in Psychiatry