Kevin Huy Trinh

kevintrinh.dev | linkedin.com/in/kevintrinh1227 | github.com/KevinTrinh1227 | kevintrinh1227@gmail.com | (737) 877-4512

EDUCATION

University of Houston, Houston, TX   May, 2027
Bachelor of Science in Computer Science, GPA 3.2
Awards: Hackathon Finalist (CougarHacks), Undergraduate Research Scholar
Activities and societies: Society of Asian Engineers, CougarCS, CodeCoogs
Relevant Coursework: Data Structures and Algorithms, Database Systems, Operating Systems, Computer Architecture, Software Engineering, Networking Fundamentals

TECHNICAL SKILLS

- Languages: C++, Python, SQL
- Frameworks & Tools: ReactJS, Supabase PostgreSQL, MongoDB, HTML/CSS, Google Cloud, AWS

WORK EXPERIENCE

St. Mary's University McNair, San Antonio, TX   May 2023 – August 2023
Undergraduate Research Intern
- Conducted in-depth research on compiler design, focusing on high-level to low-level language translation.
- Collaborated with mentors to deepen understanding of language design principles and compiler methodologies.
- Developed a lightweight translator featuring parser, lexer, and semantic analyzer modules to convert custom code into assembly language for a custom virtual machine.

PROJECTS

Betalytics - https://github.com/KevinTrinh1227/Betlytics   January 2023 – May 2024
- Created a full-stack application that generates predictions for NBA sports betting players using various AI models.
- Leveraged data analysis techniques to extract valuable insights from NBA data, prediction model accuracy.
- Developed algorithms with linear regression models, integrating player performance data and team Elo ratings to generate precise betting predictions.

RasPi AI Voice Assistant - https://github.com/KevinTrinh1227/RasPi-AI-Assistant   August 2025 – May 2026
- Created a full-stack application that generates predictions for NBA sports betting players using various AI models.
- Leveraged data analysis techniques to extract valuable insights from NBA data and improve prediction model accuracy.
- Developed algorithms with linear regression models, integrating player performance data and team Elo ratings to generate precise betting predictions.

CAMPUS INVOLVEMENT

Code Orange, The University of Texas at Austin, Austin, TX   August 2021 – Present
Curriculum Director, Treasurer
- Help keep 100+ low-income neighborhood elementary school children engaged by keeping the curriculum fun and challenging
- Expanded curriculum to include more hands-on learning (Ozobots, Circuit Builder, Code.org, Scratch, Jeroo)
- Budget for the academic year to maximize educational and experiential benefits to 100+ mentees