RALPH LOUIS

Houston, TX· (713) 307−2934 · ralph.louis135@gmail.com
https://www.linkedin.com/in/ralphlouis

EDUCATION

Texas A&M University, College Station, Texas *May 2027*
Bachelor of Science: Computer Science **GPA: 3.97/4.00**
Relevant Coursework: Data Structures and Algorithms, Programming Languages

SKILLS

Programming Languages: C++, C#, .NET, Python, HTML/CSS, JavaScript, Java
Languages: English (Fluent), Haitian Creole (Proficient), French (Intermediate)

WORK EXPERIENCE

TutorJohn, College Station *Sept 2024 - Present*
Math Tutor

- Tutored 35 students across six different math courses, enhancing comprehension through personalized instruction
- Developed 22 custom worksheets to reinforce key concepts
- Led 16 group study sessions to prepare students for exams

City of Sugarland, Sugarland *Jan 2023 - May 2023*
IT Intern

- Conducted a research project analyzing how effective different algorithms were in distilling data
- Utilized ArcGIS to map and analyze 10+ zones within the city
- Developed 2 Python programs to automate data processing tasks, improving workflow efficiency across departments

LEADERSHIP & PROFESSIONAL DEVELOPMENT EXPERIENCE

Thrive Scholars, Los Angeles *April 2021 - Present*
Scholar

- Selected for a 6-year college access, college success, and professional development program for high-achieving, underrepresented first-generation talent
- Engaged in a career development program, including coaching, case studies, and skill-building

Aggie Coding Club/Aggie Competitive Programming Club, College Station *August 2024 - Present*
Member

- Collaborated on coding projects, including Spotify Randomizer, that improved teamwork and problem-solving skills in C++ and Python
- Participated in bi-weekly meetings to discuss technical challenges and software development strategies
- Competed in 2 Hackathons and 5 coding contests, where we were tested on our coding ability

Houston Haitian Bethany SDA Church, Houston *July 2019 - July 2023*
Assistant Director in Tech Department

- Managed technical operations for sound, projection, and live streaming during services and events
- Trained and onboarded 8 new team members, enhancing department efficiency in technical operations
- Played a key role in designing and developing the church's website, improving accessibility and engagement for members

PERSONAL PROJECTS

Number Sums Auto Solver *Jan 2025*