

QUYNH N. TRAN

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EDUCATION

Austin Peay State University

Computer Science & Mathematics, Bachelor of Science

3.5/4.0

Clarksville, TN

August 2017 – May 2021

- Honor Program
- Dean's List for 5 semesters
- Data Structures & Algorithm, Algorithm Design & Analysis, Intelligent Robotics, Intro to Artificial Intelligent, Operating Systems, Programming Languages, Probability

SKILLS

Languages: Python, Java, C++, C#, R, HTML, CSS, Json, SQL

Technologies: Linux, Mathematica, Git, WordPress, WooCommerce, Microsoft Access, Visual Studio

EXPERIENCE

Structured Learning Assistant

Austin Peay State University

Aug 2019 – Dec 2020

August 2017 – May 2021

- Mentored 100+ at-risk students in undergraduate math and computer science courses to increase the pass rate to 70%
- Committed 5 additional hours each week to provide assistance to students after working hours
- Reviewed course materials and lecturing styles to improve teaching skills for 3 hours per week
- Discussed student performance with academic advisors to improve learning environment

PROJECTS

Bug Tracker, C#, .NET, SQL, Microsoft Access

- Design, develop, and automate data using SQL to track bugs in projects
- Secure data using Register and Log In pages

TunerFish, C#, .NET, Json

- Collaborated with 2 peers to develop a note tuning application that identified pitches and delivered feedback on intonation
- Led the project by creating specifications, task designs, and managing deadlines
- Assist in design and coding according to detailed specifications
- Peer review and test code

Vacuum Robots, Python, Linux

- Led a team of 2 developers to create a vacuum robot that created a path to navigate around objects

Heat Equation, Mathematica

- Developed a Mathematica application to transform a heat equation into a 3D graph of how heat is distributed at a point of time and space

VaiKimHuyen.com, WordPress, WooCommerce

- Created a website for a Vietnamese fabric and tailoring services using WordPress
- Assisted owner in updating inventory