

Connor Nicholls

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OBJECTIVE

Seeking a software developer position in the field of Computer Science within the scope of back-end development, embedded systems, and game design.

EDUCATION

Texas A&M University, College Station, Texas
Bachelor of Sciences in Computer Science
GPR: 3.876

August 2020 - May 2024

EXPERIENCE

Fujitsu Network Communications, Dallas, TX
Software Development Intern, LabOps R&D

June 2023 - August 2023

- Developed autonomous movement systems for STM32 series microcontrollers in Micropython
- Designed and began implementation of plans for an autonomous vehicle navigating in telecom networking stations.
- Overhauled previously existing patent application for rigid attachment mechanism and submitted for approval

Texas A&M Autonomous Robotics Lab, College Station, TX
Undergraduate Research Assistant

August 2022 - May 2023

- Developed Matlab portable application for model of soil-digging mechanisms.
- Advised capstone project on solutions to issues within autonomous robotics platforms.

Reynolds & Reynolds, College Station, TX
PC Parts Technician

August 2021 - April 2022

- Diagnosed PC parts, including motherboards, CPUs, RAM, and more, for defects and damage.

ACTIVITIES

TAMU Robomasters - Aimbots

September 2020 - August 2023

Embedded Systems Lead (August 2022 - August 2023) / Member

- Led a team of 11 in developing control systems for the 2023 Robomasters North America Tournament hosted in Seattle, Washington.
- Collaboratively developed features for robots, including swapping barrels, autonomous movement, resource management, and more.

Aggie Society for Anime and Manga Art
IT Officer

August 2021 - May 2023

- Developed solutions for an online community and advised the council on technologies implemented throughout meetings and activities.

SKILLS

Advanced knowledge of C++, Java, Python, Micropython, Spring Boot, Git, Microcontroller Systems
Experience with French, Japanese, Customer Service, Agile & Waterfall Project Management, Web Development, Computer Construction, Full-Stack Engineering