NICK DARIA
Software Developer

ABOUT ME

I am a full-stack software developer with a passion for embedded development, avionics systems, and automotive systems.

I enjoy working both individually and as part of a team in fast-paced environments with constantly changing requirements. I take absolute pride in my work, and always go the extra mile to deliver the best deliverables possible.

I also consider myself to be a highly versatile resource with balanced experience in full-stack development, hardware design, cable/harness design, technical documentation, product requirements design, and excellent communication skills.

CONTACT

PHONE:
Available by request
WEBSITE:
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me@nickdaria.com

HOBBIES

✈ Private Aviation
🔧 Automotive Performance
▣ Automotive Reverse Engineering
🏎 F1
🏠 Home Automation

EDUCATION

The University of Alabama
August 2019 – May 2023
Graduated with a *B.S. in Commerce and Business Administration* on a full presidential scholarship. Participated all four years in undergraduate research programs while also working professionally in software development all four years. Took and passed various CS & ECE courses.

Northridge High School
August 2015 – May 2019
Scored a 30 on the ACT, a 5 on the AP Computer Science exam, and passed 7 college-level courses via UA Early College.

EXPERIENCE

Kinematix Engineering - *Embedded Software Developer*
May 2021 – Present
- Developed modular embedded operating platforms from the ground up for safety critical industrial displays and controllers.
- Designed user-friendly and intuitive industrial display user interfaces with in-depth diagnostic workflows.
- Designed and reverse engineered CAN networks & electrical systems for automotive applications.
- Developed user-friendly desktop applications for configuring and updating modules in the field.
- Built and oversaw hardware and software testing systems for mass production of hardware.
- Wrote in-depth and well-formatted technical documentation for various technical skill levels.

Center for Advanced Public Safety - *Software Development Intern*
Spring 2019
Interdisciplinary research internship implementing web technologies for Alabama State contracts.

SKILLS

Languages: C++, C# (ASP.NET), Java, JavaScript/TS, SQL (postgres)
UI Design: Web (Bootstrap), WinForms, WPF, Topcon, GFX/RA8875/Qt 5
Embedded: Microchip SAM, ESP32 (FreeRTOS), Teensy, Topcon, Linux
Web Frameworks: Angular, Blazor
Networking: CAN, Serial, BLE, Cloud (Amazon Web Services)
Other: Cable & Harness Design, Basic PCB Design, Git VC