



## ABOUT ME

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

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

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

## CONTACT

Phone available via email

WEBSITE:

[www.nickdaria.com](http://www.nickdaria.com)

EMAIL:

[me@nickdaria.com](mailto:me@nickdaria.com)

## HOBBIES

[My Infiniti Q50](#)

[Automotive Reverse Engineering](#)

Home Automation

Formula 1 & College Football

# NICK DARIA

## Software Developer

### EDUCATION

#### **The University of Alabama**

August 2019 – May 2023

Graduated with a *B.S. in Commerce and Business Administration*.

Participated all four years in undergraduate research programs while also working commercially in software development. 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 critical industrial displays and controllers.
- Designed user-friendly and intuitive industrial display user interfaces with in-depth diagnostics.
- 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.

#### **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), JavaScript/TypeScript, SQL (postgres)

**UI Design:** Web (Bootstrap), WinForms, Topcon, GFX/RA8875/Qt 5

**Embedded:** Microchip/Atmel SAM, ESP32, Teensy, Topcon, Linux

**Web Frameworks:** Angular, Blazor

**Networking:** CAN, Serial, BLE, Cloud (Amazon Web Services)

**Other:** Cable & Harness Design, Basic PCB Design, Git VC