

Jacob Butler

Raleigh/Charlotte, NC • (919) 812-8645 • jbutler20004@gmail.com • Portfolio: jbutler-portfolio.vercel.app

EDUCATION

University of North Carolina at Charlotte

Bachelor of Arts in Computer Science, Concentration in Human-Computer Interaction • Expected May 2026

- 3.79 GPA | Chancellor's List (Fall 2022, Spring 2023, Spring 2025) | Dean's List (Fall 2023, Spring 2024, Fall 2024)
- Relevant Coursework: Design Prototyping (Project-Based: designed and prototyped interactive systems using user research, wireframing, and usability testing), Data Structures & Algorithms, Web App Design & Development (Project-Based), Database Design & Implementation, Human-Centered Design, Interaction Design Projects (Capstone)
- Study Abroad: J.F. Oberlin University (Tokyo, Japan) & Sogang University (Seoul, South Korea) • Summer 2025 - 8 Weeks

SKILLS

Frontend: JavaScript, TypeScript, React, Next.js, HTML5/CSS3, Tailwind CSS

Backend & Database: Java, Node.js, SQL, PostgreSQL

Tools & Methodologies: Git/Github, Figma, Agile, Responsive Design, UI/UX Design, Software Development Life Cycle, Object-Oriented Programming

PROJECTS

Interaction Design Projects Capstone: RockAuto.com Redesign

University of North Carolina at Charlotte • August 2025 - December 2025

- Owned end-to-end shopping experience by developing 4 critical e-commerce pages for a 6-person team: product detail views, shopping cart, 3-step checkout flow, and comparison tool (supporting 3 products across 7 specifications) using Next.js, React, and TypeScript
- Built 3-step checkout flow (shipping → payment → confirmation) with real-time order summary and secure payment processing, streamlining conversion path across product catalog
- Optimized all 4 pages for sub-second load times through efficient React rendering and PostgreSQL query optimization
- Maintained 100% TypeScript coverage across all components for type safety and reduced runtime errors
- Implemented responsive UI components with Tailwind CSS and integrated PostgreSQL-backed APIs for cart persistence and product data retrieval
- Delivered features across 14-week development lifecycle from discovery through implementation, presenting final product to faculty and peers

EXPERIENCE

Chick-fil-A, Raleigh, NC

Shift Lead/Certified Trainer • August 2019 - August 2023

- Supervised teams of 6-7 employees per shift and trained new hires, developing onboarding and training plans
- Delegated responsibilities to ensure team productivity and meet business goals

bartaco, Huntersville, NC

Server • September 2024 - May 2025

- Supported daily operations by maintaining efficient workflows and team coordination