

RILEY CROKER

Software Engineer

rileycroker2000@gmail.com

OBJECTIVE

To expand upon my software programming skills and experience.

TECHNICAL SKILLS

Languages	C#, MySQL, Java, Python, C, JavaScript, PowerShell, HTML, CSS
Frameworks	ASP.NET MVC, Entity Framework, Bootstrap
Web & APIs	RESTful services, JSON
Practices & Tools	Azure DevOps, Git, Jira, QA Testing, AI tooling (Claude)

WORK EXPERIENCE

Software Engineer

June 2022 – Present

Earnest & Associates — Roswell, GA · Consulting firm providing ERP solutions and business optimization

- Build and improve web-based products for clients, collaborating with other engineers to evaluate, optimize, and test functionality, including new website pages tailored to customer specifications.
- Design and manage databases and table structures for web applications, and maintain back-end code that pulls and transforms information from a data lake.
- Add indexes to SQL tables to improve search efficiency and overall application performance.
- Deepen expertise across C#, Entity Framework, ASP.NET MVC, MySQL, HTML, CSS, Bootstrap, JavaScript, and AI tooling (Claude).
- Identify and implement practices that maintain a clean, reliable source-control environment using Azure DevOps.

Programming Teacher's Assistant

May 2021 – May 2022

Berry College, HackBerry Lab — Mount Berry, GA

- Mentored and guided students in a Physical Computing course built on the C-based Arduino platform—working hands-on with embedded hardware and firmware-style programming—and supported other coding classes in the lab.

Summer Internship – Analyst

May 2021 – August 2021

Sovereign's Capital — Raleigh, NC

- Led research for a project that recommended the most profitable investment funds.

EDUCATION

B.S. in Mathematics and Computer Science

May 2022

Minor in Creative Technologies · Berry College, Mount Berry, GA

- Awarded the Barton Mathematics Award.

ACTIVITIES

- **Berry College Varsity Swim Team** — August 2018 – May 2022; Team Captain for 2 years.
- **Berry College Math Team** — August 2018 – May 2022; earned a team scholarship.