Patrick Cox

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Software Engineering student graduating early with hands-on experience in full-stack web development, testing automation, and database design. Passionate about building reliable, scalable applications using C#, .NET, and modern web frameworks.

EDUCATION

Kennesaw State University   Kennesaw, GA
Bachelor of Science in Software Engineering   Expected: December 2025
GPA: 3.5

TECHNICAL SKILLS

Programming & Libraries: C#, Java, Python, C++, SQL, JavaScript, HTML, CSS, React, Vite, .NET, NUnit, XUnit, Avalonia, Assembly (Irvine32)
Software and Skills: IntelliJ, Rider, PyCharm, WebStorm, Visual Studio, Visual Studio Code, Unity, Git Kraken, Version Control (GIT) Linux (Ubuntu), Microsoft Office Suite (Word, Excel, Outlook)

PROFESSIONAL EXPERIENCE

Kennesaw State University   Marietta, GA

CCSE Tutor / Lab Assistant | *C#, Java, Python*   January 2024 – Present
- Tutor students in programming and software engineering concepts.
- Demonstrate OOP concepts quickly and efficiently on beginner and intermediate levels.
- Grade students' programming assignments within one week of submission.
- Peer review hundreds of students' code per semester for quality and best practice.

Okinus Credit Solutions   Pelham, GA

Account Representative   January 2021 – June 2022
- Performed employment verifications for customer compliance.
- Scanned physical documents into virtual copies and stored them in proper repositories.
- Supported the legal department by managing and disposing of physical documents.

PROJECTS

Statistic Calculator [Software Testing & QA] | *.Net 8.0, C#, HTML, JavaScript, CSS, NUnit, Playwright*
- Developed using **.NET 8.0** Model-View-Controller (**MVC**) architecture.
- Integrated a full stack web application on JetBrains Rider using **C#** for backend logic and **HTML, CSS,** and **JavaScript** for frontend development.
- Performed automated E2E testing using **Playwright**.
- Executed Unit testing by implementing **NUnit** testing framework.

Ledgr [Software Application Domain] | **Full Stack Development:** *HTML, CSS, JavaScript, C#, SQL, Gmail API, OAuth 2.0, MimeKit*
- Built a full stack web application using **Blazor** for frontend design and **C#** for backend logic.
- Managed Database model and operations using **SQL** via **SQLite**.
- Established a working Email system through **Google API**.
- Authenticated outgoing emails using **OAuth 2.0** library, and formatted emails using **MimeKit**.
- Validating system behavior with **NUnit** testing framework.