



College Pathways Web Application Intern Job Description

Job Title: College Pathways Web Application Intern
Job Class: Professional
Department: IT / MIS
Reports To: Director of Information Services
FLSA Status: Exempt
Compease: N/A (Supplemental Contract)
Approved By: Associate Vice President of Operations and Finance
Approved Date: 08/07/2026

I. Position Purpose

The College Pathways Web Application Intern supports the design and development of a web-based platform that helps students navigate academic and career pathways, plan coursework, and track progress toward their educational goals. This position exists to provide hands-on software development experience to a college student while contributing meaningful, production-level work to a tool that directly supports student success. The Intern will work alongside experienced developers and stakeholders to build and enhance application features using .NET, C#, JavaScript, HTML5, CSS, and Microsoft SQL Server, gaining practical exposure to the full software development lifecycle in a real-world, mission-driven project.

II. Duties and Responsibilities

- Design, develop, and maintain features for the College Pathways web application using C# and the .NET framework
- Build responsive, user-friendly front-end interfaces using HTML5, CSS, and JavaScript
- Write and optimize queries, stored procedures, and database objects in Microsoft SQL Server
- Collaborate with senior developers, designers, and stakeholders to translate requirements into functional application features
- Participate in code reviews, testing, and debugging to ensure high-quality, reliable software
- Assist with troubleshooting and resolving application bugs and performance issues
- Document code, processes, and technical specifications
- Support ongoing maintenance and enhancement of existing application features

III. Qualifications – Education, Experience, and Skills

Education

Currently enrolled in an accredited college/university undergraduate or graduate program in Computer Science, Software Engineering, Information Technology, or a related field.

Required Qualifications

- Coursework or project experience with C# and .NET (ASP.NET, .NET Core, or .NET Framework)
- Familiarity with HTML5, CSS, and JavaScript
- Basic understanding of relational databases and SQL (Microsoft SQL Server preferred)
- Strong problem-solving skills and attention to detail



- Ability to work both independently and collaboratively in a team environment
- Good written and verbal communication skills

Preferred Qualifications

- Experience with front-end frameworks/libraries (e.g., React, Angular, Vue, or jQuery)
- Familiarity with version control systems (e.g., Git)
- Understanding of RESTful API design and integration
- Exposure to Agile/Scrum development methodologies
- Prior internship, co-op, or academic project experience involving web application development
- Interest in education technology or student success platforms

Reasonable accommodations may be requested and reviewed according to the Americans with Disabilities Act (ADA).