

## About the Employer - Access Professional Systems, Inc. (APS)

APS is a leading provider of parking control and automation solutions using cameras and machine vision systems to track vehicles as well as cloud-based solutions for monitoring and reporting. APS has a need for a software engineering intern to help with some projects. This is a paid internship and can develop into a part time or even full time junior level position if it is fit for both parties. APS understands this is an internship and as such, is flexible on the scheduling/hours. While this is a paid position, we also look forward to providing experience to our interns while at the same time, helping each other to grow and learn from one another.

## Software Engineer Internship - Job Responsibilities:

- Develop and implement new software solutions
- Help to complete existing software solutions
- Maintain and improve the performance of existing software
- Recommend improvements to existing software programs as necessary

## Software Engineer Intern Job Duties:

- Develops new solutions using the Microsoft stack to integrate into our existing code base/suite of applications.
- Help finalize/complete current solutions. We welcome your suggestions as well with regard to bug fixes, performance improvements, etc...
- Communicate with team leader with thoughts and suggestions, your progress and your tasks. We will simply establish tasks and goals and let you run with them.
- Determines operational feasibility by evaluating analysis, problem definition, requirements, solution development, and proposed solutions.
- Documents and demonstrates solutions by developing documentation, flowcharts, layouts, diagrams, charts, code comments and clear code.
- Prepares and installs solutions by determining and designing system specifications, standards, and programming.
- Improves operations and performance by conducting systems analysis; recommending changes in policies and procedures as well as suggested changes to current code base.

## Software Engineer Intern Skills and Qualifications:

- Bachelor degree not required for Internship.
- 2+ years minimum working with the Microsoft stack (.Net/C#/ASP).
- 2+ years minimum experience with the C# language.
- Experience with SQL databases.
- Experience with APIs (RESTful or web APIs).
- Prefer experience with web technologies (ASP.Net/JS or other web scripting).
- Experience with cloud-based solutions and services a plus.
- Experience with Machine vision, AI, Hardware and cameras is a plus.
- Experience with mobile app development is a plus.