

Cody Skala

OBJECTIVE

Full time software developer eager to gain programming experience and utilize current knowledge. Interested in many areas of the field but heavy focus has been on full web stack. Eager to gain knowledge and skills in other related fields such as cloud computing, mobile development.

EXPERIENCE

OverDrive, Cleveland OH – Software Developer

FEBRUARY 2018 – PRESENT

- Team lead for internal tooling for Devs and QA via websites or automation.
- Automated testing specifically around company web APIs but expanding to frontend.
- .NET centric frameworks with HTML and a handful of JavaScript libraries.
- DevOps and CI/CD for deployments using appveyor, Octopus, and some K8 instances.
- Unit testing frameworks including XUnit, MSTest, and NUnit.
- API integrations with OAuth, Slack, QTest, Azure, and others.
- Code analysers like StyleCop and recently enabled dependabot on GitHub.
- SQL server as the primary RDBMS
- Selenium for browser and Appium for mobile front end testing. Scratching the surface but diving deeper by researching other platforms as well like Playwright and ally resources like Axe to help with more automation to OverDrive's systems.

Patriot Software, Canton OH – Software Developer

MAY 2016 – FEBRUARY 2018

- Automating many manual processes and performance optimizations.
- .NET MVC web applications.
- Managing Nuget packages and resolving dependency conflicts.
- Investigating live errors to reproduce issues.
- APIs including faxing and identity verifications.
- Google OAuth for alternative logins.
- Web services to begin transitioning into microservices.
- Scheduling intensive tasks to run at a later, less active, time of day.

L-3 National Security Solutions, Reston VA – Technical Engineer (Internship)

JUNE 2015 – JANUARY 2016

- Practiced Agile methodology for the development process (using JIRA).
- Code reviews, quality control, testing, and debugging.
- Scrum retrospectives at the end of sprints.
- Bootstrap, Grid.MVC, Glyphicon, Font Awesome.

EDUCATION

The University of Akron, Akron OH – *Bachelor of Science Computer Science*

AUGUST 2012 – JUNE 2016

- GPA: 3.5/4.0, Major: 3.94/4.0, President's List
- National Society of Collegiate Scholars (NSCS)

RELEVANT COURSEWORK & EXPERIENCE

- Completed Computer Science, Data Structures, and Algorithms in C++
- Completed Operating Systems with Linux implementations
- Object Oriented Programming taken with Java
- Software Engineering class with common development practices
- Web Applications including HTML, CSS, JavaScript, jQuery, and PHP
- Basics of C, Python, Ruby, and bash/shell scripting
- Especially experienced in C# and the newer cross-platform .NET Core
- Working with ASP.NET and MVC along with TypeScript files
- Unit Tests - NUnit and MSTest. Automation/Acceptance Tests - Selenium
- NHibernate ORM, RhinoMock for tests, StructureMap IoC, and R# productivity tool
- Exposure working with databases using MySQL and SQL Server as a RDBMS
- Team projects on a Git repository and knowledge using SourceTree
- Involvement in Association for Computing Machinery (ACM) club/programming contests
- IDEs: Visual Studio, Netbeans, Eclipse, MonoDevelop, and VS Code
- Basics of continuous integration with Jenkins and TeamCity
- Understand basics of the OpenGL library and Unity3d Game Engine
- Comfortable on Windows/Linux and decent exposure to Mac platforms
- Knowledge of basic iOS development with Xcode and Swift
- Build computers with the desired Operating System as a hobby
- Raspberry Pi: car dashcam (OpenCV), subversion repository, personal cloud
- General knowledge of debugging and error handling
- Exposure to VPN, Remote Desktop Connections, and Virtual Machines
- Actively aware of various computer security issues and many preventative measures