

Patrick Milano

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programming

Proficient:

Java, MySQL,
HTML5/CSS3

Intermediate:

JavaScript

Familiar:

PHP, PostgreSQL, C#,
MIPS, ARMv8 64-bit,
Ruby, Rails, LuaLaTeX

OS, platforms, other

Arch, Ubuntu,
Windows

IntelliJ, Sublime Text 3,
Terminal Emulator,
Brackets

GitHub, Git Bash,
SVN, Oracle SQL
Developer,
phpMyAdmin,
Bootstrap, AngularJS

personal strengths

emotional intelligence
personable
attention to detail
natural leader
team player

education

2013 –

B.S. in Computer Science

Siena College

•Major GPA: 3.43

Graduating senior. Siena's rigorous program has given me a strong background in object oriented programming, as well as catalysts for learning web development and database design and management.

experience

1/2017 –

AUTOMATE DEALERSHIP MANAGEMENT SYSTEMS

Albany, NY

Software Engineering Intern

Working with the help of Java Kimodo libraries to translate COBOL heap files into accessible Java for the conversion of decades-old database formats to more server-friendly relational databases. Responsibilities include creating modern methods of inserting, pulling, creating, and updating various classes into databases using the jOOQ API, and helping to redesign proprietary dealership management software.

- Working independently and on an Agile team
- Deciphering legacy code for conversion

10/2016–
12/2016

NYS SENATE TECH DEPARTMENT

Albany, NY

Software Engineering Intern

Redesigned a web interface that developers use to find errors in bills on the open source project OpenLegislation. Senate bills, agendas, and calendars contained errors when fetched from a database to be displayed on the website. My development centered around creating a tool for developers to aggregate, easily find, and analyze those errors.

awards

2015

2nd Place in Virtual Reality Category, Hack RPI II 2015

Troy, NY

Programming in C# and Unity: created a club setting that had real-time lighting changes depending on the beat of the audio input.

2013

Eagle Scout of the Boy Scouts of America

Sandy Hook, CT