

# Matthew Musich

## Education

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2012-May 2016

### **Marist College, Poughkeepsie, NY**

B.S. in Computer Science; Software Development Concentration  
Current GPA: 3.288 (Received Dean's List Honor)

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Github: mattmusich

## Work Experience

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2016-Present

### **The Hartford Financial Services Group, Inc.** *Front End Developer*

Continuation of Internship project, as a part time developer position during the school year

2015

### **The Hartford Financial Services Group, Inc.** *Process Manager - Internship*

Document processes and data flows for full-stack web application  
Build test cases to integrate into testing plan and report test results  
Debugging and Quality Assurance of web application modules to deliver to clients  
Web application development utilizing ColdFusion, Javascript, HTML, and Bootstrap  
Design and manage databases via SQL workbench

2014-2015

### **Marist College Networking** *SDN Software Developer*

Working with Marist's Networking Engineers to develop network management tools  
Designing networks with Software Defined Networking approach utilizing OpenFlow switches  
Developing a web based front-end for users to schedule configuration changes via a GUI  
Creating custom PHP API on top of the OpenDaylight Controller to modify OpenFlow switches  
Organizing all input through a MySQL database allowing for time sensitive API calls

## Projects

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### **Marist College - Transfer Evaluations** *Full-stack Web Application*

Designed and developed *Transfer Evaluations*, with a team of four other students  
Worked with clients to determine requirements and build a project plan to fit proper scope  
Constructed Front End with React, Javascript, jQuery, HTML5/Bootstrap

### **Alan++ Compiler** *Java Application*

Compiles Alan++, a custom built language, into machine code for a 6502a OS  
Java application built with a functional user interface in JavaFx  
Utilized advanced tree structures to represent data throughout the compiling steps

### **BackRow®** *iOS Application*

Virtual lobby network for students to play cooperative games in real-time  
Winner of Marist Fall 2013 HackMarist competition  
Developed initial back-end application, server, and database design using PHP and MySQL

## Skills and Activities

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### **Languages**

Proficient in Java, Javascript, ColdFusion, HTML, CSS/Bootstrap  
Familiar with Haskell, Scala, MySQL, PHP, C#, XML, PostgreSQL, MIPS

### **Programs**

Proficient in Git, DS Solidworks, Adobe Photoshop, Illustrator, InDesign  
Familiar with Android SDK, Android Studio, Unity 2D/3D

### **Interests**

Currently managing/maintaining CentOS servers for multiple clients.  
Current member of Computer Society, Game Society, and Habitat for Humanity