

Orrville, OH
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James R. Hahn
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Github: [www.github.com/kingsman142](https://github.com/kingsman142)
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Education

University of Pittsburgh, Pittsburgh, PA – *B.S. in Computer Science* (GPA 3.972) September 2015 - Exp. 2018
Relevant courses: *Intermediate Programming in Java, Calculus 2, Discrete Structures, Data Structures, Applied Stats, Systems Software, Computer Organization*

Udacity – *Machine Learning Nanodegree* May 2016 - Present

Technical Skills

Languages: Java, C++, C, C#, Python, JavaScript, Ajax, PHP, SQL, HTML, jQuery, CSS, SFML, UnityScript, OpenGL/LWJGL/GLFW
Software/APIs: Visual Studio, MySQL, MySQLi, Unity 3D, Git/Github, Eclipse, Spyder, Anaconda, CodeBlocks, SQL Server Management Studio, Google Chrome API, Team Foundation Server, Sci-kit Learn, MINITAB, Photoshop, Windows, OS X
Other: Spanish (Proficient), Machine Learning, Data analysis, Version Control, Unit testing, Agile methodology, MVC, Databases

Projects

Playlist Generator - <https://goo.gl/HLZfz1> June 2016

- Google Chrome extension built with JavaScript, HTML, and CSS
- Extracts a person's Chrome bookmarks from a list of input folders and converts YouTube URLs into an automated playlist
- Solves the problem of bookmarking music and never being able to listen to all of it in a playlist
- Serves 12 weekly users with ~225 daily impressions

Job Explore - <http://www.jobexplore.rf.gd/> June 2016 - Present

- Web application built with HTML, CSS, Javascript, PHP, and MySQL
- Designed goal to help others find a career that suits their set of skills
- Users submit their occupation and skills so career seekers can search the skills they have and find their perfect career match

Image Greyscale - <https://github.com/kingsman142/Projects/tree/master/Greyscale> December 2015

- Lightweight application written in Java
- Takes any .jpg, .png image as input and outputs the greyscaled image in the matching directory
- Improved efficiency to convert 4K image in less than 10 seconds

Work Experience

Udacity – Machine Learning Forum Mentor July 2016 - Present

- Actively communicated with students in Udacity's Machine Learning Nanodegree program
- Answered questions in detail about projects and machine learning concepts
- Engaged and excited students about machine learning

MRI Software LLC, Solon, OH – Software Engineer Intern May – August 2016

- Implemented MVC pattern in a web application with C#, JavaScript, and Ajax
- Collaborated in an agile team environment, leading meetings and actively communicating with team members
- Worked on front-end and back-end development, including database management

University of Pittsburgh, Pittsburgh, PA – Teaching Assistant (Intro to Computer Programming with Java) January-April 2016

- Held office hours (for 29 students to answer their questions, etc.)
- Instructed labs for the class every week to make sure students understood the material

Relevant Honors

Scholarships:	Academic Honors:
<i>Adam Lewis Engineering Scholarship</i>	<i>University of Pittsburgh Dean's list, Fall 2015 & Spring 2016</i>
<i>University of Pittsburgh Merit Scholarship</i>	<i>University of Akron Dean's list, Fall 2013 & Spring 2014</i>
<i>Helen F Smucker Memorial Scholarship</i>	<i>Orrville High School Outstanding Graduating Science Student, 2015</i>

Leadership and Awards:
Tech Club Co-founder and Officer, Orrville High School, 2013
Ludum Dare #26, 1203rd place out of 2346, April 2013