James Hahn

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Languages

Java
C++
C
C#
Python
JavaScript
Ajax
PHP
SQL
HTML
JQuery
CSS
UnityScript
OpenGL/LWJGL/GLFW

Software/APIs

Visual Studio
Android Studio
MySQL
MySQLi
Unity 3D
Git/Github
Eclipse
Code::Blocks
SQL Server Management Studio
Google Chrome API
Team Foundation Server
Sci-kit Learn
Windows
OS X
Unix

Other

Spanish (proficient)
Machine Learning
Data Analysis
Version Control
Unit Testing
Agile Methodology
ASP.NET MVC

Education

University of Pittsburgh   September 2015 – Exp. April 2018
B.S. in Computer Science -- 3.962 GPA
Dean's List, *Fall 2015 & Spring 2016 & Fall 2016*

Udacity   May 2016 – Present
Machine Learning Nanodegree

Experience

Udacity   July 2016 – Present
Machine Learning Forum Mentor
- 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   May – August 2016
Software Engineer Intern
- 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   January – April 2016
Undergraduate Teaching Assistant , Intro to Computer Programming with Java
- 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

Projects

Contact Me https://goo.gl/gK7rGi   October 2016 – Present
- Android App created at MHacks 8; written in Java and still in development
- Utilizes the Tess-two API, a Java binding of Google's Tesseract Optical Character Recognition API
- Eliminates the need of carrying around massive amounts of business cards by storing their information in your phone for future reference to network with other individuals

Playlist Generator https://goo.gl/HLZfz1   May - 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 20 weekly users with ~225 daily impressions

Job Explore http://www.jobexplore.rf.gd/   June – August 2016
- 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

Leadership & Awards

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