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FRAMEWORKS

- Android
- .NET MVC 4
- Knockout.js
- Drupal
- Bootstrap
- LAMP Stack

LANGUAGES

- Java
- JavaScript
- PHP
- SQL
- C++
- C#
- XML
- HTML
- CSS
- Bash

TECHNOLOGIES

IDE: Android Studio, Unity, Visual Studio

Tools: Git (GitHub, BitBucket), MySQL, Apache Web Server, SQL Server

OS: Linux, Windows

EXPERIENCE

Software Developer - Android, Rave, Kitchener, ON   Sept 2016—Dec 2016

- Upgraded Chromecast sender app with Java and receiver app with HTML5 and JavaScript from v2 to v3
- Implemented UI improvements to bring the company's app to Google's material design standards, meeting with the design team for specifications
- Refactored and documented Java and XML files to follow Android best practices
- Solved UI and app logic bugs to promote a polished experience

Web Application Developer Rockstar, Paralucent, Toronto, ON   Jan 2016—Apr 2016

- Implemented a web API for content management using C# in the .NET MVC framework with a JavaScript wrapper
- Developed front-end code for a responsive single page application using Bootstrap and JavaScript libraries like jQuery, Knockout.js, and DataTables
- Created an authentication process for a content management application using C# with .NET MVC
- Managed live Drupal websites by scripting PHP and through the user interface
- Set up a remote server running Debian, Apache, and MySQL to host staging sites for testing

PROJECTS

PacmanVR, Personal   2016

- VR game similar to PAC-MAN for Google Cardboard built in Unity using C#
- Designed and implemented gameplay and interacting systems including UI
- Created 3D map and item models using Blender

Teddy Laserhands, HackDartmouth 3   2016

- Prototype for a VR game where the user's hand is the controller built in Unity using C#
- Connected the Oculus Rift to a Leap Motion hand tracker with Orion Beta

DroneSafe, Nasa's Space Apps Challenge   2016

- Built an app to warn users of undesirable drone flying areas and conditions built in Android Studio
- Incorporated OpenWeatherMap and Google Maps APIs

mrdofu.github.io, Personal   2015

- Angular.js application to showcase projects using HTML5, CSS3, and Bootstrap