Alex Robert Allistar Wood

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Languages and Technologies

Programming Languages: C++, C, C#, Java, JavaScript, SQL

Web Development: HTML, CSS, jQuery, Bootstrap

Tools: Visual Studio, Android Studio, Git, GDB, Valgrind, Photoshop, GIMP, Blender

Education

University of Waterloo   200 University Ave W, Waterloo, ON

Bachelor of Computer Science   2012-2016

- Honours computer science graduate (with distinction) with GPA of 3.47 / 4
- Term Dean's Honours List, Fall 2015
- Received University of Waterloo's President Scholarship, Sept 2012
- Completed courses include Algorithms, User Interfaces, Data Structures

Employment

AuctionOne   105 Colborne St W, Brantford, ON

Website Design / Item Lister   2016-2017

- Design, maintenance and administration of the AuctionOne website using ASP.NET with AuctionWorx 3.1
- Organizing shipments of goods and listing them on the AuctionOne website
- Managing online advertisement campaigns

Projects

Android Application   2017 - Present

In the early stages of development of a sweepstakes aggregator for Android. Created using Android Studio with java to learn the basics of android development including the android lifecycle, recyclers, permissions and asynchronous task handling.

Unity Game   2016 - Present

Experimented with game design using the Unity engine with C#, as well as 3D modeling, animating, and texturing using Blender and Photoshop. Implemented various 2D and 3D graphics shaders, a JSON inventory system and an object placement system.

OpenGL Game   Dec 2015

Implemented various graphics techniques including directional and point lighting, shadows, view frustum culling and environment maps. Developed using C++ and OpenGL as a non-photorealistic rendering final project for the computer graphics class.

User Interfaces   Jan 2015 – Apr 2015

Developed four front-end web application including a fitness tracker, image rating application, affine transform graphic demo, and social media application all employing the Model-View-Controller paradigm using HTML, CSS and JavaScript.