# Richard Sikra

Thousand Oaks, CA  -  Email me on Indeed: <u>indeed.com/r/Richard-Sikra/1c97c78a170ae632</u>

Authorized to work in the US for any employer

WORK EXPERIENCE

### Game Developer

Thousand Oaks, CA  -  September 2015 to October 2015

Published and created a remake of the game adventures of lolo with C++ and OpenGL

### Game Developer

Thousand Oaks, CA  -  April 2015 to July 2015

Published and created the game Stardive with Unity3D and C#

### Game Developer

Thousand Oaks, CA  -  May 2014 to April 2015

Published and created the game Aeroflight! with Unity3D and C#

### Web Developer

Thousand Oaks, CA

My ongoing journey with web development has recently led me into creating my own website/portfolio utilizing PHP, HTML and CSS. The URL is www.devrichie.com

Currently my website supports Internet Explorer 9+, Microsoft Edge, Google Chrome, Safari 5.1+, and many other web browsers. For mobile devices and smaller screens I specifically created media queries in CSS to support the different screen sizes.

### C++ Developer

Thousand Oaks, CA

With my passion for video games and graphically intense rendering I created a 3D graphics engine in C++ with OpenGL, here is the list of capabilities and features that the engine has: 3D skeletal animation with a custom binary exporter that reads .dae and .obj, file types and exports my own custom binary file. (written in little endianness), Directional shadow mapping , Runtime GLSL modifications, Implementation of Bullet Physics (with debug draw), Audio and music support, Text rendering and custom binary file importer and exporter (with byte order swapping for big endian systems), Phong shading, Point lights, Diffuse shading, Directional lights, Omnidirectional shadow mapping and Particle systems with instanced rendering

### PHP Developer

Thousand Oaks, CA

As a side project, I recently created an open source customer feedback web application. The project is written mostly in PHP and Javascript You may view and test the application and also browse the code on my portfolio at http://www.devrichie.com/ProjectPages/CustomerSubmitFormPage.php.

EDUCATION

### Pursuing BA in Computer Science

Moorpark college

SKILLS

C++ (2 years), C# (1 year), PHP (1 year), HTML (3 years), CSS (3 years), Javascript (Less than 1 year), Swift (Less than 1 year), OpenGL (1 year)

LINKS

http://www.devrichie.com

http://www.devrichie.com/Blog

http://www.devrichie.com/ProjectPages/AeroFlightPage.php

http://www.devrichie.com/ProjectPages/CustomerSubmitFormPage.php

http://www.devrichie.com/ProjectPages/LoloGamePage.php

http://www.devrichie.com/ProjectPages/StarDivePage.php