

# Ryan Bui

10123 SageGate Dr. Houston, TX 77089  
281-948-9556  
RyanLBui@gmail.com  
<https://ryanlbui.github.io>



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## Education

Bachelor of Science in Computer Science  
The University of Texas at Dallas, Richardson, Texas

December 2018  
GPA: 3.1

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## Programming Languages and Software

**Languages:** C#, C++, CSS, Java, JavaScript, HTML

**Operating Systems:** Unix, Linux, Windows

**Tools:** GitHub, Eclipse, NetBeans, MS Visual Studio, XNA Game Studio, Unity, Vuforia

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## Projects

### Augmented Reality App: Capital One and walkSTEM

- Created an augmented reality app for the iPad to teach visitors at the Capital One Plano campus about STEM concepts.
- Used Unity and Vuforia to track pictures and then displayed video about the image on top of the picture.
- Displayed information panels correlating to the image tracked to provide the user with information about the person in the picture.

### Portfolio Website

- Created personal website to display projects with images and videos.
- Includes links to personal GitHub, LinkedIn, and resume.

### Drawing App

- Implemented a web drawing application using HTML, CSS, and JavaScript.
- Uses HTML canvas element to draw graphics, create shapes, and add images.

### Cloth Simulation

- Worked with team to create a 3D simulation of a cloth using C++ and OpenGL.
- Implemented cloth collision and intersection with a sphere.

### XNA Racer

- Created a 2D, top-down racing game using C# and XNA Game Studio.
- Applied 2D bounding box collision detection to car, obstacles, and boundaries.

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## Experience

Pharmacy Technician Intern, Walgreens Pharmacy, Pearland, Texas

Spring 2014

Worked under the direct supervision of a licensed pharmacist to process prescriptions, dispense medication, and perform technical pharmacy-related functions.