

## John T. Butts

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### HIGHLIGHT OF SKILLS:

- Computer Scientist/Engineer
- Software Consultant
- Animator/Content Creator
- Independent Game Developer
- Humanitarian Volunteer
- Conflict Resolution Moderator

### EDUCATION:

The Ohio State University | B.S. Computer Science and Engineering

### PROFESSIONAL EXPERIENCE:

#### Blue Horseshoe Solutions

Westerville OH

Technical Consultant  
May 2017 – Present

- Programming in X++/C# on the Microsoft ERP software Dynamics 365/AX 2012/AX 2009
- Communicating with small/medium-sized businesses whose focuses range from food/beverage to car transportation to baby car seats
- Analyzing each unique need of the client and creating modifications or integrations for their environment
- Applying knowledge of functional and technical sides of Dynamics with a primary focus on warehousing/transportation
- Engaging with coworkers in small teams (2-5 members), reporting daily updates to Tech Leads and Project Managers
- Member of the Blue Horseshoe Dynamics Integrations Research group and a volunteer office supply coordinator

#### Nationwide Insurance

Columbus OH

IT Application Developer (Internship)  
May 2016 – August 2016

- Solved defects and created enhancements for enterprise application using Java, JSPs, Javascript and SQL
- Participated in and led daily huddle to discuss team projects and brainstorm solutions

#### Nationwide Insurance

Columbus OH

IT Analyst (Internship)  
May 2015 – August 2015

- Developed Ruby scripts to automate IT processes through a web app using Groovy on Grails programming
- Worked as a Test Analyst on a fast-paced conversion project using HP Quality Center for NW Financial

### TECHNOLOGIES:

C#, X++, Java, SQL, HTML5, Typescript/Javascript, WebGL, Unity3D, Monogame, JSP, WebSphere, .NET stack, UNIX, Visual Studio  
Dynamics 365/2012/2009, Postman, SSIS, Autodesk Maya + Mudbox, AfterEffects, Premiere Pro, Android + iOS development

### CERTIFICATIONS:

Microsoft Dynamics AX Development Introduction (MB6-890)

### OTHER EXPERIENCE AT OHIO STATE:

#### Computer Science/Engineering Senior Capstone

January 2017 – May 2017

- Brainstormed, designed, and implemented an original 3D kart racing video game called *Couch Party Racing*
- Developed in C# using the Unity3D engine to create technologies such as Artificial Intelligence, User Input, and Track Creation
- Presented group work biweekly in a technical presentation format under the guidance of Doctor Roger Crawfis
- Created demo videos for each Timebox and the official Game Trailer and uploaded these to personal YouTube channel
- Won Ohio State's "Engineering Excellence in Capstone Design" award and was class voted "Best Game of Spring 2017"

#### Sustained Dialogue Head Moderator/Vice President

August 2016 – May 2017

- Ran weekly meetings for a diverse group of 10-15 members discussing topics of global identities and social justice
- Organized 20 moderators for Ohio State's 2<sup>nd</sup> annual police + student dialogue featuring 200+ participants
- Hosted a multi-org Moderator Training for 15 individuals and coordinated with the Sustained Dialogue national facilitator

#### Teaching Assistant

August 2015 – May 2016, August 2016 – December 2016

- Worked with students of CSE 3902 Software Project Course and CSE 5236 Mobile Application Development
- Served office hours for weekly assistance and graded student work under supervision of Professor(s)