

# Deana Buchanan

Programmer

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## Education

- May 2016 **Bachelor of Arts Degree, Mobile Media Programming**, Columbia College Chicago.  
Jan 2016 **McCarthy Technologies Bootcamp, Core Protocols Certification**.

## Skills

- Languages C#, C++, HTML/CSS, JavaScript  
UX Information Architecture, Wireframing, UX Prototyping and Testing  
Engines Unity 3D Engine, Monogame, Unreal Engine 4, Construct 2  
Dev Visual Studio, UNIX, Adobe CS6/CC, Agile Methodology

## Projects

- 2016 **Special Olympics Illinois' Coaster Challenge, Game and Website**, [<http://coasterchallenge.com>].  
Worked with an interdisciplinary team to create an interactive eventhub and a 2D arcade-style game for Special Olympics Illinois' annual Six Flags fundraiser. Team lead for game development. Heavy focus on physics-based game programming, as well as on interactive media design.  
Tech: Construct 2, Facebook API, HTML/CSS/JS/SVG
- 2016 **Fairmade, Unity Web App**, [<http://deana.ninja/fairmade>].  
A functional Unity prototype of an app allowing the user to find, mix, and match fair trade textiles from ethical distributors. Accompanying website. Created for a four-day team development challenge.  
Tech: Unity+C#/CSS/JS, Adobe CS6
- 2015 **Dungeon Escape, Unreal 3D Game**.  
Third-person Unreal 3D Game created for a team final project in an advanced C++ course. Game allows the player to explore three levels and collect items.  
Tech: Unreal Engine 4, C++, Blueprints Visual Scripting
- 2015 **Relish, MonoGame C# Game**.  
A 2D mini game created in pure C# code. The player takes on the role of a pickle trying to avoid certain death.  
Tech: C#, Microsoft XNA, MonoGame, DirectX

## Work Experience

- 2015-Present **Catering and Delivery, Jason's Deli**, Chicago, IL.  
Set up catering orders for events and meetings. Completed on-time deliveries by choosing the most efficient routes.
- 2014-2015 **Certified Nursing Assistant, Wesley Place Rehabilitation**, Chicago, IL.  
Basic nursing care for physical therapy rehab patients, assisting with activities of daily living, monitoring vitals and reporting changes in patient condition.
- 2012-2014 **Certified Nursing Assistant, Hospice of Illinois**, Chicago, IL.  
Provided basic nursing care, comfort, and support for terminally-ill patients.

## Volunteer Experience

- 2013 **English Instructor, Vietnamese Association of Illinois**, Chicago, IL.  
English instructor for Vietnamese refugees and immigrants. Helped students learn elementary English.