

# Daniel Carmichael

Software / Game Developer

Creative Software Developer with a background in game-development and digital art. Experience with web development, mobile applications, and Unity and Unreal game engines. A fast learner and dedicated team member.

## Contact

### Address:

Milwaukee, WI, 53224

### Phone:

(1)-414-750-0069

### E-mail:

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## Skills

Object-Oriented Programming

Data Structures

Algorithms

Databases

Software Development

Blockchain

Digital Art (2D & 3D)

## Software

Visual Studio, Git

Ethereum

Unity, Unreal Engine 4

MS Word, Excel, Powerpoint

Adobe Illustrator, Photoshop

## Languages

### Programming

C++, C#, Blueprints VS, Solidity  
HTML, CSS, Javascript, PHP, SQL

### Spoken

Native English  
Conversational Japanese

## Education

### 2021 - Master of Science: Computer Science

2021 UW-Whitewater - Whitewater, WI

### 2015- Bachelor of Arts: Media Arts and Game Development

2020 Minors in Computer Science and Japanese Studies  
UW-Whitewater - Whitewater, WI

## Work Experience

### 2021 - Graduate Assistant

2022 UW-Whitewater - Whitewater, WI

- ◆ Teach supplementary material
- ◆ Assist students with classwork and university life
- ◆ Develop computer science department website

### 2019 - Game Developer & Digital Artist

2021 Clopas LLC - Platteville, WI

- ◆ Develop art assets for text-based adventure game

### 2019 - Technology Lab Assistant

2021 UW-Whitewater - Whitewater, WI

- ◆ Assisted students with lab technology
- ◆ Operated large format printers

## Extracurricular & Projects

### 2017- Game Development Club

2020 UW-Whitewater - Whitewater, WI

- ◆ Collaborate on game development projects

### 2019- University Band

2020 UW-Whitewater - Whitewater, WI

### 2019- Game Jams & Hackathons

2022 Global Game Jam 2019 - 2022, Ludum Dare 47

## Links

Game Development Portfolio  
[benevolentwhale.itch.io](https://benevolentwhale.itch.io)

### LinkedIn

[linkedin.com/in/daniel-carmichael-9757b0186/](https://linkedin.com/in/daniel-carmichael-9757b0186/)

## Selected Classwork

CS796 - Matrix Methods / Data Mining  
CS778 - Software Specification & Verification  
CS766 - Advanced Databases  
CS736- Image Processing & Computer Vision  
CS733 - Advanced Algorithm Design

CS476 - Software Engineering  
CS412- Computer Org / System Programming  
CS382 - Server-Side Scripting  
CS223- Data Structures

CS789 - Graduate Capstone Project  
CS776 - Advanced Software Engineering  
CS738 - Algorithms in the Real World  
CS735 - Optimization Techniques  
CS732 - Machine Learning  
  
CS433 - Theory of Algorithms  
CS366 - Database Management Systems  
CS381 - Javascript & DHTML  
CS215 - Discrete Structures