

Daniel Carmichael

Software and
Game Developer

Portfolio Site: benevolentwhale.github.io/portfolio/

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Contact

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Skills

Object-Oriented Programming

Data Structures

Algorithms

Databases

Agile Software Development

Blockchain

Digital Art (2D & 3D)

Software & APIs

Visual Studio, Xamarin, Git

Ethereum

Unity, Unreal Engine 4

MS Word, Excel, Powerpoint

Adobe Illustrator, Photoshop

Blender, Krita

Languages

Programming

C++, C#, Java

HTML, CSS, PHP, SQL

Javascript, React.JS

Blueprints VS

Solidity

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 2020 Development

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

Selected Classwork

Matrix Methods / Data Mining

Advanced Software Engineering

Advanced Databases

Algorithms in the Real World

Image Processing & Computer Vision

Optimization Techniques

Advanced Algorithm Design

Machine Learning

Theory of Algorithms

Database Management Systems

Computer Org / System Programming

Javascript & DHTML

Data Structures

Discrete Structures

Extracurricular & Projects

2017- UWW Game Development Club

2021 UW-Whitewater - Whitewater, WI

- ◆ Collaborate on game development projects

2019- University Band

2020 UW-Whitewater - Whitewater, WI