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

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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 - 2021
Master of Science: Computer Science
UW-Whitewater - Whitewater, WI

2015-2020
Bachelor of Arts: Media Arts and Game Development *Minors in Computer Science and Japanese Studies*
UW-Whitewater - Whitewater, WI

Work Experience

2021 - 2022
Graduate Assistant
UW-Whitewater - Whitewater, WI
- *Teach supplementary material*
- *Assist students with classwork and university life*
- *Develop computer science department website*

2019 - 2021
Game Developer & Digital Artist
Clopas LLC - Platteville, WI
- *Develop art assets for text-based adventure game*

2019 - 2021
Technology Lab Assistant
UW-Whitewater - Whitewater, WI
- *Assisted students with lab technoogy*
- *Operated large format printers*

Extracurricular & Projects

2017-2020
Game Development Club
UW-Whitewater - Whitewater, WI
- *Collaborate on game development projects*

2019-2020
University Band
UW-Whitewater - Whitewater, WI

2019-2022
Game Jams & Hackathons
Global Game Jam 2019 - 2022, Ludum Dare 47

Links

Personal Website
benevolentwhale.github.io/portfolio/

LinkedIn
linkedin.com/in/daniel-carmichael-9757b0186/

Selected Classwork

CS796 - Matrix Methods / Data Mining

CS789 - Graduate Capstone Project

CS778 - Software Specification & Verification

CS776 - Advanced Software Engineering

CS766 - Advanced Databases

CS738 - Algorithms in the Real World

CS736- Image Processing & Computer Vision

CS735 - Optimization Techniques

CS733 - Advanced Algorithm Design

CS732 - Machine Learning

CS476 - Software Engineering

CS433 - Theory of Algorithms

CS412- Compuer Org / System Programming

CS366 - Database Management Systems

CS382 - Server-Side Scripting

CS381 - Javascript & DHTML

CS223- Data Structures

CS215 - Discrete Structures