



Adam Imbert;

// Game Programmer

WORK EXPERIENCE

May. 2023 - Aug. 2023

NCSU Research Assistant - Anthology Social Sim

- Developed social simulation tool interface using Unity
- Coordinated with simulation back-end development team
- Implemented systems that display the state of the simulation in real time
- Designed UI for viewing sim info and manipulating speed

PROJECTS

Aug. 2023 - Dec. 2023

Senior Design - Streamlined Tower Defense

- Sponsored by Katabasis, educational game studio
- Developed vertical slice game demo using Unity game engine
- Engineered flexible grid system and associated developer design tools
- Two feature-complete iterations, each a month long
- Unit tested scripts to raise code coverage
- Delivered progress reports to sponsors & teaching staff

Aug. 2022 - Dec. 2022

C++ Semester Solo Project - Game Engine

- Designed and programmed a game engine in C++
- Multithreading and multiplayer support
- Game object, component and event systems
- Implemented external scripting using V8 Javascript engine
- Engine used to create a 2D-platformer and "Space Invaders"

Aug. 2022 - Dec. 2022

Full-Stack Semester Project - iTrust2

- Expanded existing electronic health records system in Java
- Front-end webpages using the AngularJS framework
- Back-end SQL database functionality using Spring and Hibernate
- Diagrammed wire-frame mock-ups of use case flows
- Documented user flows and log messages in GitHub Wiki

Aug. 2020 - May. 2024

Game Jams - Video Game Development Club

- Timed video game projects with fellow students (GGJ, LD, in-house VGDC Jams)
- Pitched and directed a number of successful jam projects
- Managed team responsibilities and iteration deadlines on large (7+) teams
- Often led as systems or UI programmer
- Networked with up-and-coming engineers in and around game development
- Attended Game Developers Conference 2023/2024

CONTACT

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Cary, North Carolina

SKILLS



LANGUAGES

English

French

EDUCATION

North Carolina State University

Raleigh, North Carolina

2020 - 2024

B.S. Computer Science | 4.0 GPA