Will Carpenter

willcarpenter3673@gmail.com

Portfolio: https://willcarpenter.games   Raleigh, NC
LinkedIn: https://www.linkedin.com/in/will-carpenter-ncsu   (704) 915-5811

EDUCATION

North Carolina State University, Raleigh, NC
B.S. in Computer Science, May 2022
GPA: 3.7/4.0

Relevant Courses:
Data Structures and Algorithms, Discrete Mathematics, C and Software Tools, Operating Systems, Game Engine Foundations, Computer Graphics, Introduction to AI, Software Engineering

RELEVANT SKILLS

Proficient: Java, C++, C#, Magento 2, PHP, MySQL, HTML, CSS, Javascript, Unity, Unreal Engine 4
Familiar: Spring, AWS, Python, JQuery, Phaser JS, AngularJS, SFML, ZeroMQ, C

PROFESSIONAL EXPERIENCE

Software Engineer, *Kadro Solutions, Raleigh, NC.*
August 2019 – August 2022, co-op | May 2022 – Present, Full-Time
- Worked with a team of junior and senior developers to build Magento e-commerce sites
- Utilized HTML, Javascript, and CSS to craft front end solutions
- Created back-end implementations using PHP and MySQL

Information Technology Intern, *DOSupply Inc, Raleigh, NC.*
May 2019 – August 2019
- Worked with a small team of developers to create and improve company web resources
- Developed various front and back end projects using HTML, CSS, PHP, MySQL, and AWS

Resident Advisor, *NC State University, Sullivan Hall, Raleigh, NC.*
August 2018 – May 2019
- Oversaw and performed monthly one-on-one check-ins with 25-30 residents
- Worked with a team of 21 to coordinate events and respond to building incidents

PROJECT EXPERIENCE

Video Game Development Club
- As a **Gameplay Programmer** - implemented gameplay features with a team in game jam games and larger-scale game projects
- As **Vice President** and a **General Officer** - helped organize and run club meetings, chaired the creation of an end of year event to recognize and award club projects

NC State First-year Engineering Design Day - 1st place
- Developed an educational computer game with a group of freshman engineers
- Skills used: GML, communication, time management

ACTIVITIES/HONORS

Video Game Development Club Vice President, Dean's List (Fall '17, Spring '18, Spring '20, Fall '21), University Scholars Program, Symphonic Band