Nicholas Raphael Koehler

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Portfolio: https://0nicholaskoehler.wixsite.com/nick-koehler-s-domai

Professional Summary: Looking For an Entry-level Software Engineering Position

Self-motivated computer science student with a concentration in **artificial intelligence**. Proficient in Java, **Python**, and C# with skills in **machine learning**. experienced in game development. Life-long-learner

Education

University of North Carolina at Charlotte, Charlotte, NC

Bachelor of Science in Computer Science   May 2024

Concentration: Artificial Intelligence

Relevant Coursework: Machine Learning, Software Engineering; Data Structures and Algorithms; Intro to Artificial Intelligence; Logic and Algorithms

Projects

Army Commander 2000 (on portfolio)   January 2023 - May 2023

UNCC ADV Game Development Course

-Improved skills in C# as well as Unity, and worked out bugs

-Implemented unique gameplay mechanics in 3D

Shroom Wrangler (on portfolio)   January 2023

Game Jam, personal project

-Collaborated with an artist to create a game in one weekend using professional game development software

-Designed and implemented all code myself

-Overcame challenges such as optimizing game performance and creating a user-friendly interface

Cosmic Duality (on portfolio)   October 2022 - November 2022

UNCC Game Development Course

-Worked with a team of four to develop a game using professional game development software

-Spearheaded development by writing code to finish the product by the deadline

-Managed communications between team members to ensure cohesion and shared vision

Skills

Programming: Java, JavaScript, Python, C#, C, C++, HTML, CSS, SQL, SAS, Julia

Word Processing: Excel (Certified), Access (Certified), Word, Powerpoint

Math: Statistics, Calculus, Matrices, Linear Algebra, Geometry

Life Skills: Growth Mindset, Critical thinking, Leadership, Communication, Adaptability

Extra Curricular

Seminar for Tomorrow's Leaders (Leadership training program)   June 2021

Led by Rotary of North Carolina

-Acquired advanced leadership competencies through a professionally-designed training program

-Exercised effective delegation and coordination of tasks to optimize workflow

-Enhanced interpersonal skills and fostered a productive team dynamic.

Work Experience

Office Data Manager NC   May 2023 - August 2023

Koehler and Associates (law firm)

-Developed file organization system to maximize efficiency

-Eliminated unnecessary files to enhance productivity

-Punctual and worked full-time