

Chaughn Robin

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EDUCATION

West Chester University of Pennsylvania, West Chester PA
Bachelor of Science in Computer Science, December 2024
GPA: 3.7/4.0 | Dean's List
Computer Science Club, Cyber Security Club

RELATED COURSEWORK:

- *Data Structures and Algorithms*
- *Computer Security and Ethics*
- *Computer Systems*
- *Digital Image Processing*

CURRENT COURSEWORK:

- *Database Management Systems*
- *Programming Language Concepts/Paradigms*
- *Introduction to Cloud Computing*

WORK HISTORY

West Chester University of Pennsylvania, West Chester, PA
Computer Technician **January 2024 – Current**

- Analyzed and processed information from students
- Collaborating with students to facilitate a variety of introductory programming courses
- Accommodated and instructed students in different levels of Computer Science curriculum with diverse concepts

PROJECTS

LibGDX (Java Game-Development Framework) **January 2024 - Current**
Word-Based iPhone/Android App
Developer

- Programmed a unique “hangman-like” word game based on acronyms and a large library of possible words using Java
- Created icons and artwork for the game using Paint.net
- Utilized LibGDX's portability features to create releases for PC, Android, and iPhone
- Produced several in-game tracking tools to measure player metrics and data for playtesting and further improvement / monetization using Java

Sidescroller Role-Playing Shoot 'Em Up PC Game **August 2023 - Current**
Developer

- Constructed several in-game systems for tracking player, player aim, different forms of movement, hitboxes, events and input based on player as well as A.I. characters using Java
- Created fully rigged 3D and 2D models and animations using Blender and Spine
- Recorded audio effects and voice lines using Audacity

RELATED SKILLS

Languages

Java, C++, Python, C#, Haskell, Ruby, SQL

Tools

Eclipse, MS Visual Studio, Blender, Spine, Access, SPSS, MySQL

Operating Systems

Windows, Linux (Kali & Tails), macOS

Skills

- Conceptualizing and designing efficient algorithms for implementation
- Understanding and implementing appropriate data structures
- PC Building and Hardware