Cole DiGregorio

(631) 377-1803 | cdigreg@clemson.edu | Website | LinkedIn

EDUCATION

Clemson University | Computer Information Systems | GPA 3.5/4.00 — Anticipated Graduation Date May 2026 | Clemson, SC
Suffolk Community College | Digital Marketing | GPA 4.00/4.00 — 2023 - 2023 | Riverhead, NY
College of the Holy Cross | Computer Science — 2020 - 202 | Worcester, MA

RELEVANT COURSEWORK

Data Structures and Algorithms, Software Development, Introduction to Computer organization, Programming Methodology, Problem Solving with Office Applications, Principles of Management

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COMPUTER SCIENCE PROJECTS

Java | Connect 4 Game   December, 2024
- Hosting and Managing a project with a Team through GitHub
- Uses abstract and interface classes to create a GameBoard of any size
- Users can choose between two implementations of GameBoard | Memory Efficient (Hash Map) or Fast (2D array)
- Best coding practices | Junit testing | Proper Documentation | UML's | Functional/Non-Functional requirements

C | Creating Circle using PPM   October, 2024
- Parsing and reading input files
- Designing and utilizing structs
- Writing the PPM header and pixel data to an output file in the correct format.
- Automating the compilation and execution process with a makefile, ensuring efficient testing and debugging.

Excel | Olympic Game Data Analysis and Visualization   November, 2024
- Implemented a multi sheet workbook to track athletes performance from 5 countries in the 2024 Olympics
- Automated calculations summaries across worksheets
- Visualized metal distributions with a column chart to compare total medal counts

C++ | Caesar Cipher | Encryption and Decryption   December, 2023
- Developed a encryption and decryption algorithm for a Caesar Cipher
- Implemented customizable character shifts using a flexible key string
- Designed and implemented an efficient overload constructor to initialize key values

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WORK EXPERIENCE

American Beech, Greenport, NY   2022 - Present
Bartender/Bar manager (40 - 55 hours/week)
- Manage inventory including ordering, receiving, and stocking supplies.
- Managed team of six bartenders.
- Prepare the bar for high-traffic weekends, ensuring smooth operations and customer satisfaction.

EXTRACURRICULAR

Clemson Rugby, Clemson, SC   2023 - Present
Team Member (8 - 10 hours/week)
Executive Board | Social Media Manager (8 - 10 hours/week)
Holy Cross Rugby, Worcester, MA   2021 - 2022
Team Member (8 - 10 hours/week)
Social Media manager (5 - 7 hours/week)

TECHNICAL SKILLS

Java   C++   C   Linux   Excel   Adobe Illustrator   Adobe Photoshop   Final Cut Pro   GitHub