RITVIK T. NAIDU

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PROFESSIONAL SUMMARY:
I am a recent college graduate from DeSales University with a B.S. in Computer Science. I am seeking an appropriate position in the field of Information Technology.

EDUCATION:

Bachelor of Science in Computer Science May 2021
DeSales University, Center Valley, PA 18034
Major: Game Programming; **Minor**: Digital Art
Dean's List (≥3.5 G.P.A.): Fall 2021 & Spring 2021 semesters

EXPERIENCE:

DeSales MARCOM Department, Center Valley, PA 02/2021 – 05/2021
Web Communications Specialist (Internship)
- Created an infographic video based on DeSales' "Facts & Figures".
- Created sticker designs for DeSales Cyber Security and Digital Forensics Department.
- Created designs for a webpage about testimonials for DeSales University.

DeSales Trexler Library, Center Valley, PA 09/2017 – 05/2018
Work Study
- Basic duties were to check-out, check-in and shelve books. I had also assisted patrons with their questions and concerns at the Circulation Desk of the library

PROJECTS:

- Created an *Infographic video* about DeSales University's Facts and Figures.
- Created an *Infographic video* about Twitter. This infographic video was based on an article which contained information regarding certain data/statistics about Twitter.
- Created an *Escape Room game* using Unreal Engine 4 in which the player must escape by solving various puzzles using clues provided throughout the map.
- Created an *animation* using Autodesk Maya of a character running and climbing up a wall. This was created using reference footage to make the motion look realistic.
- Created a *mobile quiz app* using Android Studio with three quizzes. The topics for these quizzes were Math, Science, and History. After the user takes the quiz, the app displays the score.
- Wrote a successful *Java and Python* based algorithmic code to determine the optimal sequence for the flow of jobs through two machines to minimize total completion time. This is based on an algorithm called Johnson's Rule and is in the *machine scheduling* literature.
- Wrote a successful *Java and Python* based algorithmic code to sequence a set of jobs for two algorithms with tardiness and the number of tardy jobs being the measures of performance.

SKILLS:

- Web Design/Programming Languages: HTML, CSS, JavaScript, Python, Java, C++
- Animation Software: Autodesk Maya, Autodesk 3ds Max
- Adobe Software: Photoshop, Illustrator, After Effects, XD
- Game Programming: Unreal Engine
- Microsoft applications: Excel, PowerPoint, Word

CERTIFICATION:

- Python Institute Certification: PCEP (Certified Entry-Level Programmer)

CITIZENSHIP:

- Natural born citizen of U.S.A.