Aryan Raval

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in www.linkedin.com/in/aryanraval   ○ https://github.com/aryan21x

Experience

Rapid City,
United States

Front Desk Assistant
South Dakota School of Mines
• Assisting students with inquiries
• Handling package logistics
• Development in communication skills

Education

2022/08 – 2026/05
Rapid City,
United States

Bachelor of Computer Science
South Dakota School of Mines and Technology
GPA: 3.895/4.00
Expected Graduation 2026

Awards

2023/08

Garmin Scholarship Fund MIGF12
Garmin International

2022/08

Fomento Scholarship
Fomento Scholars

Skills

C++ | C | Python | SQL | HTML | CSS | C# | Arm Assembly

Apps and Frameworks

ASP.net | Django | Visual Studio | MySQL | CLion | Rstudio | Latex | Rstudio | Latex | Git

Projects

Learning Log (Python, Django, HTML)
This web application provides users with the ability to maintain a journal of things they are actively learning.
Users can easily set up an account by choosing a username and password. Once logged in, they can effortlessly
create new topics and journal entries to document their learning experiences. This platform is developed using the
Django package of Python and HTML. The website is set up on Platform.sh.

Image manipulation (C++)
Developed image manipulation program in C++ for processing PPM images with dynamic memory allocation,
offering user-friendly options including X-axis and Y-axis flips, clockwise and counter-clockwise rotations, and
sepia and grayscale conversions. Provided user flexibility to choose between binary and ASCII output formats for
manipulated images.

Printing PPM Images on Terminal(Assembly,C)
The following project prints PPM images on the terminal. The project is built using Assembly and C. The input is an
image in PPM form and the output is a black and white Image on the terminal which is displayed using ASCII
characters.

Organizations

App development club, Chess club, Rock Climbing club