

Varad Kelkar

✉ varadk22@gmail.com in kelkarvarad 🌐 varad0207 📍 Goa, India

PROFILE

Intellectually curious professional, with a keen interest in Research work, currently earning my Bachelor's Degree in Computer Engineering and seeking new challenges in an internship program to continue developing my skills and applying the knowledge I have learned through my course

EDUCATION

Don Bosco College of Engineering
CGPA - 9.344/10

Nov 2020 – present
Fatorda

Member of the Association for Computing Machinery (ACM) and Institute of Electrical and Electronics Engineers (IEEE)

SKILLS

Programming Languages :
C/C++, Python, PHP

Markups :
HTML5, CSS3

Database Management :
MySQL

Web Frameworks & Libraries :
Bootstrap, TachyonsCSS

Data Visualization & Analysis :
NumPy, Pandas, Matplotlib,
Seaborn, Scikit-Learn

COURSES

Python for Machine Learning and Data Science by Jose Portilla [🔗](#)

The Complete Web Development by Andrei Neagoie [🔗](#)

The Complete Python Bootcamp by Jose Portilla [🔗](#)

Public Speaking for Startups by Boomy Tokan [🔗](#)

PROJECTS

Deltastaar

- A software application designed to track the admin and accommodation resources of Deltin Royale, Panaji
- The software typically features a user-friendly dashboard that provides a clear and intuitive view of the current status of accommodation, including occupancy levels, availability, and reservation status, along with a reporting system for generating usage reports
- The software was developed using a combination of programming languages and frameworks like PHP, MySQL for database management, HTML, CSS, and JavaScript for front-end development along with Bootstrap and TachyonsCSS as frameworks

Library Mangement

- A software application designed to manage the resources of the library efficiently. The software keeps track of all the books and member history
- Tech Stack used - HTML, CSS, JavaScript, PHP, MySQL, Bootstrap

Statistical Analysis of Fandango's Movie Ratings, [\(link\)](#) [🔗](#)

- Data visualization to compare movie ratings of a website that also sells movie tickets to other websites
- First collected and cleaned the data. The data is then analyzed using NumPy and Pandas to calculate a summary of statistics. The final step is to create visualizations using Seaborn to identify trends and patterns

Zombie Terror, [\(link\)](#) [🔗](#)

- A multilevel graphic game developed using the concepts of programming in C++ and Simple Cpp using the Simple CodeBlocks compiler

OTHER WORK

Smart India Hackathon 2022

Worked on the development of a Web App for a ticket management system for museums and monuments

TECHgium 6th edition, [\(certificate link\)](#) [🔗](#)

Among 80 abstract submissions, my group was selected to present our idea at the presentation round of the 6th edition of TECHgium, organized by L&T Technology Services. Our concept involved utilizing a Back-propagation Neural Network model to recognize pattern similarity within a 3D Li-DAR point cloud.

Review Paper, [\(link\)](#) [🔗](#)

Co-authored a review paper on the topic "Set-Theoretic Data Structures" by David L. Childs