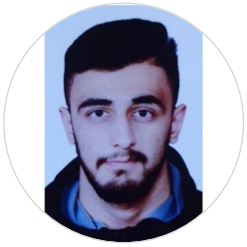
Veer Singh

Student at University of Debrecen



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purefekt.github.io/

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github.com/Purefekt

EDUCATION

BSc. Computer Science Engineering
University of Debrecen [4.32/5.00]
09/2018 - 01/2022 *Debrecen, Hungary*

WORK EXPERIENCE

Teaching assistant
University of Debrecen
09/2020 - 01/2021 *Debrecen, Hungary*

Tasks

- Taught Computer Aided Mathematics and Visualization to a class of 24 students during the semester at the Faculty of Informatics, University of Debrecen.
- Technologies used - GeoGebra, MATLAB with symbolic math toolbox

Contact: Dr. Roland Imre Kunkli - kunkli.roland@inf.unideb.hu

Intern
Navayuga World School
07/2019 - 09/2019 *Nellore, India*

Tasks

- Went over the school's Microsoft 365 contract and enabled all work laptops with the complete Microsoft suite and also coached the staff to use it to its maximum potential
- Conducted a workshop where I laid out the basics of cloud computing and cloud sharing and enabled the teachers to collaborate and work on files and projects together.

Contact: Ms. Nisha Bhakar - nisha.bhakar63@gmail.com

CERTIFICATIONS

Machine Learning by Stanford University
www.coursera.org

Neural Networks and Deep Learning by deeplearning.ai
www.coursera.org

Structuring Machine Learning Projects by deeplearning.ai
www.coursera.org

Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization by deeplearning.ai
www.coursera.org

Sequence Models by deeplearning.ai
www.coursera.org

Convolutional Neural Networks by deeplearning.ai
www.coursera.org

CCNA Routing and Switching: Introduction to Networks
Cisco Networking Academy

PROGRAMMING LANGUAGES AND TECHNOLOGIES

Python | SQL | Linux | C# | MATLAB | Java | Git | TensorFlow | Android Studio | .NET Framework | Microsoft Office Suite

PROJECTS

Custom Object Detection with TensorFlow 2
- Python, TensorFlow, Microsoft Azure
- A custom model was created using TensorFlow 2 on a novel dataset. Dataset consisted of 2,400 images and had an accuracy of 85%.

Custom Object Detection with TensorFlow 2 Lite on Raspberry Pi
- Python, TensorFlow, Raspberry Pi 4, Microsoft Azure
- A custom model was created using TensorFlow 2 Lite on a novel dataset. Dataset consisted of 2,400 images and had an accuracy of 85%. The tests were done on a Raspberry Pi 4.

WPF Chat Application
- C#, .NET framework, MySQL
- This is a simple chat application which runs in Windows with a local MySQL database. The messages are sent through a server which keeps a log of all public chat but does not track any private chat. The UI is also modern looking.

Image Analyser
- Java, Microsoft Azure, Android Studio
- This android app lets the user pick an image from the gallery and then scans a dataset of over 100,000 images and 10,000 classes trying to identify a few elements in the image.
- Google Play Store Link

Meptun
- Java, JavaFX, H2 DBMS
- This Windows/Mac based application developed in an agile environment lets students see their basic information, the courses taken, ability to post on forums, list of relevant teachers and their emails and a built-in email client to send emails to the relevant teachers.

AWARDS

Stipendium Hungaricum Scholarship
Full tuition fee waiver for the entirety of the course

Professional scholarship 2020/2021 Academic year 1. semester
Involves teaching a class to freshmen students of BSc. Computer Science under the supervision of a professor

LANGUAGES

English
Native or Bilingual Proficiency

Hindi
Native or Bilingual Proficiency