Deep Patel

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Objective

· To become an experienced and accomplished Software engineer with enhanced public speaking skills and teamwork abilities.

Education

ASSOCIATE OF SCIENCE (A.S) | MAY 2017 | COMMUNITY COLLEGE OF BALTIMORE COUNTY, BALTIMORE

· Major: Computer Science

· Related coursework: Statistics, Linear Algebra, Discrete Mathematics, Advanced Programming, etc.

· Achievements: Dean's list 2015, 2016, 2017, Honor student, GPA:4.0

BACHELOR OF SCIENCE IN COMPUTER SCIENCE | MAY 2019 | TOWSON UNIVERSITY, TOWSON

· Major: Computer Science

· Related coursework: Database Management, Scripting Languages, Data Structures and Algorithms, etc.

· Achievements: Dean's list 2017, 2018, 2019, International Admissions Scholarship recipient, GPA: 3.984

Skills & Abilities

COMPUTER SCIENCE

- **PROGRAMMING:**
  - ✓ JAVA (Expert) - Java DB, Swing, Object-oriented design and programming.
  - ✓ Python (Advanced) – NumPy, Matplotlib, SciKitLearn, Pandas, etc.
  - ✓ C++ (1 year), JavaScript (1 year), HTML (1 year), Scala (self-taught) and SQL (2 years).
- **TECHNOLOGIES:** TensorFlow, Keras, Git, Flask, Android, Windows, Linux, AWS(Basic), Google Cloud (Basic). Portfolio: https://deepsworld.github.io
- Experience in applying and using Data science tools, Machine learning algorithms, and Deep Learning (*www.deepsdatascience.blogspot.com*).
- Android development in Kotlin including SQLite, MVC, Services, Fragments, etc.
- Data Visualization adeptness to gain important insights from the dataset.
- Agile software development methodologies, algorithm design and analysis.

Experience

- *Deep Learning and Research:* Actively conducting research with the computer science department of Towson University using deep learning to classify different types of edible wild plants with transfer learning. Used pre-trained Resnet50 as base CNN model to classify plants into 54 different categories.
- *JavaScript, Python, AWS, and Flask:* Built an intelligent Chrome extension for the Johns Hopkins University of Applied Physics Laboratory to prevent accidental visitation to malicious websites. Implemented LSTM neural network to detect malicious websites and deployed it on AWS to make an API call from the extension.
- *Java and SQL*: Developed a Java swing application for a business to keep track of check cashing customers in an embedded SQL (Apache Derby). Implemented required features using object-oriented design and agile methodologies.
- View my work at: *www.github.com/deepsworld*