KESHAB ACHARYA

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EDUCATION

University of Maryland- College Park (2016 -2020)
- Bachelor of Science in **Computer Science** (Minor in Astronomy)
- Dean's List (Fall 2020 Semester)

RELATED COURSEWORK

Object Oriented Programming in Java
- Implemented projects in Java to enhance program design skills, testing and the use of the Graphical User Interface (GUI) using Eclipse

Programming Handheld Systems (Kotlin)
- Designed and implemented applications for android devices with focus on the mobile environment and worked on group projects to build apps that emphasize world problems.

Advanced Data Structures (Java)
- Studied properties and storage allocation functions of data structures including balanced binary trees, queues, AVL trees, B-Trees, hash tables, tries, KD-Trees and Quadtrees. Algorithms for manipulating structures.
- Projects github: https://github.com/keshab101/CMSC420-Advanced-Data-Structures

Introduction to PHP and Javascript
- Implemented projects on the core fundamentals of HTML, CSS, and Javascript in both backend and frontend
- Use React-JS to deploy simple web apps with integration of Express.

Introduction to Data Science (Python)
- Implemented projects on core topics of data science including statistical data analysis, basic data mining, web data scraping, machine learning algorithms, large-scale data management, cloud computing and information visualization.

PROJECTS

- **Slackr** – an android app that lets students create and find study groups; implemented with Kotlin and Android Studio. **GitHub**: https://github.com/keshab101/slackr-cmsc436-group30
- **Data Visualization and Analysis of Covid-19**
  - Used famous python libraries to create visual analysis of the impact of Covid-19 around the world. **GitHub**: https://keshab101.github.io/

SKILLS

- **Software:** Eclipse, Android Studio, Google Firebase, Jupyter Notebook, postGRE SQL
- **Frameworks:** Express, Django, Bootstrap
- **Programming Languages:** Java, C, Python, Ruby, Kotlin, JS, React/Express, Ocaml
- **Speaking Languages:** English, Hindi, Nepali