Prasad Akmar

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EDUCATION

UNIVERSITY OF MARYLAND BALTIMORE COUNTY
MS in Computer Science
Feb 2019 | Baltimore, MD
Cum. GPA: 3.66 / 4.0

UNIVERSITY OF PUNE
BE in Computer Science
May 2012 | Pune, India
Cum. GPA: 3.5 / 4.0

LINKS

Github:// **pakmar1**
LinkedIn:// **prasad-akmar**

SKILLS

PROGRAMING
Advanced:
• Java • C# • Python
Proficient:
• Shell • C/C++ • HTML • CSS
• JavaScript • Android • MATLAB
Familiar:
• iOS • PHP • LaTeX

TECHNOLOGIES
Libraries:
• Bootstrap • React • ASP.NET
• D3 • JQuery • volley
• Pandas • NumPy • Flask
• RestAPI • Scrum
Databases:
• Oracle PL/SQL • MySQL • Firebase
Cloud Platofrms:
• Azure • AWS

COURSEWORK

GRADUATE
Semantic Web
Mobile Computing
Quantum Computation
Introduction to Data Science
Service Oriented Computing
Principles of Database Systems
Scripting Languages *(Graduate Asst)*
Cryptology *(Graduate Asst)*

UNDERGRADUATE
Operating Systems
Computer Architecture
Design & Analysis of Algorithms
Artificial Intelligence + Practicum

EXPERIENCE

MOBILE, PERVASIVE, & SENSOR SYSTEMS LAB | Researcher
Feb 2018 – Present | Baltimore, MD
- Working with fellow researchers and Prof Banerjee to develop a sleep monitoring system to helps identify sleep disorders without need of a Polysomnography.

IVY MORTGAGE | Web Developer, Intern
Jun 2018 - Dec 2018 | Fulton, MD
- Implemented an end-to-end Mortgage application system involving ASP.NET, Azure and third-party RestAPIs.
- Performed requirement gathering, system architecture, held scrum meetings

INFOSYS | Senior Software Engineer
Feb 2014 - Dec 2016 | Hyderabad / Pune, India
- Developed & maintained WebApps with ASP.NET & MSSQLServer
- Worked on upgrading a large-scale Oracle database application for Nike.
- Led a maintenance team of 3. Been awarded for the work, twice

PROJECTS

RESTEAZE | Sept 2018 - Jan 2019
- A system to perform sleep monitoring with help of leg movements
- Worked on determining periodic leg movements using IMU sensor data to determine sleep disorders
  Technoglogies: Python, Numpy, MATLAB

FSBCD | Oct 2018 - Dec 2018
- Studied effects of Feature Selection methods in Breast Cancer detection on accuracy of the model trained on 3 datasets
  Technoglogies: Python, SciPy, Pandas, Matplotlib

IMAGINATION STATION | Mar 2018 - May 2018
- A neural algorithm driven service to transform doodles into art.
- Developed a mobile App where user can draw a doodle and convert it into art using artistic style transfer algorithm on cloud
  Technoglogies: Android, Python-Flask, Torch, AWS, Firebase

CRYPTX | Oct 2017 - Dec 2017
- A Crypto. trading WebApp to trade Bitcoin, Ethereum & Litecoin.
- Implemented various database concepts such as Indexing, Clustering, Transaction management.
  Technoglogies: HTML, CSS, MySQL, Node.js, EJS

FRIEND FINDER | Jun 2018 - Dec 2018
- A mobile app to find friends in geo-location in the vicinity
- Implemented Firebase database, storage and authentication in a geolocation based Android app
  Technoglogies: Android, Firebase

PUBLICATIONS

[1] P. Akmar, G. Somani, and R. Sane. Mobile based social tv application on android os. *World Science Publisher, ACSA*, 2012.