

Veena Ghorakavi

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Objective: Seeking employment or research in bioinformatics, specifically data analysis and machine learning.

Education

University: Texas A&M University, College(s): Agriculture and Engineering, 2014-2018

Major(s): Biochemistry and Computer Science, Computer Science GPR: 3.5/4.00

High School: Texas Academy of Mathematics and Science, 2012-2014, GPR: 3.95/4.00

Research/Employment Experience

Previous employment: Developer Community Management Intern at Hewlett Packard Enterprise, May-August 2016. Wrote technical blogs and edited blogs posted. Scripting support in Python and PowerShell specific to Redfish. Increased traffic to Software-Defined Infrastructure page by three-hundred percent. <http://bit.ly/2cEHsFC>

Previous laboratory and employment: Dr. Jyoti Shah, Department of Biology, University of North Texas (UNT), Student Academic Assistant, Department of Mathematics, UNT

Current Projects (Programming)

Patient-Centered Monitoring for Surgery Site Infection. September 2016-present. Faculty: Qian Xiaoning and Sing-Hoi Sze. Role: Research literature and image processing with MATLAB.

CMNTY Application. August 2016-present. Spearheading effort to develop application to empower businesses in Brazil to take an active role in preventing spread of Zika.

Relevant Coursework

Data Structures and Algorithms, Discrete Mathematics, Molecular Genetics, Differential Equations, Linear Algebra, Statistics, Physical Chemistry, Biochemistry, Microbiology, Organic Chemistry, Engineering Mathematics I-III

Programming Skills

Bioinformatics: Galaxy. Generalized languages: C++, Java. Scripting languages: Python, Javascript, Ruby, and PowerShell. Software: Mathematica, MATLAB, Octave, and StatCrunch. Operating systems: Linux and Windows.

Scholarships and Awards

Texas A&M University's President's Endowed Scholarship, National Merit Recognition, National Merit Finalist and Scholar, Texas Academy of Mathematics and Science Summer Research Scholarship, AMSA Integrative Medicine Scholar

Student organizations: Texas A&M Computer Science club. HackTAMU. American Medical Students Association, IEEE, SWE, Toastmasters

Hospital Volunteering: Tomball Veterans' Affairs Outpatient Clinic; Apollo Hospital, Hyderguda, India

Miscellaneous Skills: Well-versed in various laboratory techniques. Fluent in Telugu and English. Proficient/professional fluency in Hindi and Spanish. Emergency Medical Technician-Basic.

Recommendations/References: Available upon request.