Mayukh Das

Los Angeles, CA - Email me on Indeed: indeed.com/r/Mayukh-Das/b1c6bbc4b06274dc

Willing to relocate: Anywhere
Authorized to work in the US for any employer

WORK EXPERIENCE

Software Engineer

Hewlett-Packard   -   Bangalore, Karnataka - July 2012 to June 2015

Implemented various features of OneView, HPE's next-generation tool for Converged Infrastructure and Datacenter management.
• Deployed techniques to optimize server profile creation, reducing update-time by 75% (6 min to 1.5 min).
• Designed techniques to increase simultaneous server firmware update scalability (64 to 256).
• Developed REST APIs to decode and apply server license keys in Java Spring MVC Framework.
• Awarded best Team Player for outstanding team work and reducing critical bug count by over 70%.

Research Intern, Image

Xelular Framework   -   Bangalore, Karnataka - January 2011 to April 2011

• Processed images using 'Xelular Sets', a novel framework for pattern recognition with deformable objects.
• Co-developed program in NVIDIA's CUDA to extract structures by fitting deformable objects to aspects of scans or photographs, thereby reducing time for edge detection by over 60%.
• Directly supervised by Prof. Tim Poston, Chief Scientist at Forus Health and Therataxis, and inventor of Xelular
Sets.

PROJECTS

EDUCATION

Masters of Science in Computer Science

University of Southern California   -   Los Angeles, CA
May 2017

Bachelor of Engineering in Computer Science and Engineering

Visvesvaraya Technological University   -   Bangalore, Karnataka
June 2012

SKILLS

JAVA (4 years), ALGORITHMS (Less than 1 year), ANDROID SDK (Less than 1 year), APACHE
CORDOVA (Less than 1 year), ARTIFICIAL INTELLIGENCE (Less than 1 year), Python (2 years)

LINKS

http://github.com/mayukh-das

http://linkedin.com/in/mayukhdas1290

ADDITIONAL INFORMATION

SKILLS
Areas: Algorithms Operating Systems Artificial Intelligence Information Retrieval Security
Programming: Java Python C/C++
Web Development: Apache SOLR JavaScript Bootstrap PHP MySQL PostgreSQL Hibernate Django
Others: Android SDK Facebook Graph APIs AWS Agile Spring Cordova