

ALOK MYSORE

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EDUCATION

M.S. - Computer Science and Engineering

September 2016 - June 2018 (expected)

University of California, San Diego

Teaching Assistant for “Interaction Design” (CSE 170 / CSE120) and “Interaction Design Studio” (COGS 121)

B.E. - Computer Science and Engineering

August 2012 - May 2016

PES Institute of Technology, India; Cumulative GPA: 9.12 (On a 10 point scale)

Recipient of the “M. R. Doraswamy scholarship for academic excellence”

WORK EXPERIENCE

Microsoft Office365 - Bangalore, India

January 2016 - June 2016

Software Development Intern

- Implemented the Microsoft Bot framework on Outlook Web
- Technologies used: C#, Node.js

Microsoft Bing - Hyderabad, India

May 2015 - August 2015

Software Development Intern

- Built a Data pipeline using open data sources to enhance triggering of 300,000 entities on Bing
- Technologies used: C#, internal Microsoft big data analysis framework - Scope, Cosmos

PROJECTS

Generating Multi Application Software Tutorials Using Operating System Tracing

DCog-HCI lab, UC San Diego

- Built the tracer to log operating system level data
- Compile the logged data into a multi modal software tutorial
- Editor to crop, comment and edit the tutorial
- Technologies used: DTrace, Apple accessibility framework, AngularJS

Studying the Wisdom Of Crowds at Scale

Social Algorithms lab, Stanford University

- Built the web application and performed Data analysis for the study on the Wisdom of Crowds effect
- First author short paper at ACM UIST 2015
- Technologies used: Node.js, AngularJS, Python

Farmalytics - Enabling Cost effective solutions to precision farming

- Developed IoT based sensor network to collect hyper-local soil parameters
- Analyzed data to provide farmers actionable information to improve yield and sustainability
- pic Micro controller, Raspberry pi, Zigbee

TECHNICAL SKILLS

Programming Languages	Python, Java, C#, JavaScript, Go, C.
Databases	PostgreSQL, MySQL
Web Skills	AngularJS, JQuery, Bootstrap
Misc	Android, Nvidia CUDA

AWARDS

- Microsoft Imagine Cup 2017 - Winner
- Mylan Hack summit 2016 - 1st runners up
- InMobi Hackday 2016 - Winners
- Google Bizdroid Hackathon 2014 - Winners
- Google Indic Language Android Hackathon 2014 - Winner
- Microsoft Ventures Hackathon 2014 - 2nd Runners up