ALOK MYSORE

linkedin.com/in/aloksm ◇ alokmysore.com ◇ github.com/alok-sm
alok.shankar.m@gmail.com ◇ +1 (858) 729 - 4151

Education

M.S. - Computer Science and Engineering *September 2016 - June 2018 (expected)*
University of California, San Diego
Recipient of the ***"UCSD CSE Masters Research Award 2017"***
Teaching Assistant for "Interaction Design" and "Interaction Design Studio"

B.E. - Computer Science and Engineering *August 2012 - May 2016*
PES Institute of Technology, India; Cumulative GPA: 9.12/10
Recipient of the ***"M. R. Doreswamy scholarship for academic excellence"***

Work Experience

Yelp *June 2017 - September 2017*
Intern, Distributed Systems and Data team

Microsoft
Intern, Office365 Team *January 2016 - June 2016*

- Ported the Microsoft Bot framework to Outlook Web, enabling conversational AI on Email
- Technologies used: C#, Node.js

Intern, Bing Team *May 2015 - August 2015*

- 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

- Framework to log OS level changes to files, commands, screen-cast etc and compile into a mixed media tutorial
- 'Generating Mixed-Media GUI and Command-Line App Tutorials Using Operating-System-Wide Activity Tracing' by Alok Mysore and Philip J. Guo accepted at ACM UIST 2017
- Technologies used: DTrace, Apple accessibility framework, Python, AngularJS

Studying the Wisdom Of Crowds at Scale
Social Algorithms lab, Stanford University

- Built the web application and performed Data analysis for largest ever study on the Wisdom of Crowds effect
- 'Investigating the "Wisdom of Crowds" at Scale' by Alok Mysore, et. al. published 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
- Technologies used: Pic Micro controller, Raspberry pi, Zigbee

Technical Skills

Programming Languages	Python, Java, C#, JavaScript, Go, C.
Databases	PostgreSQL, MySQL
Web / Mobile	AngularJS, JQuery, Bootstrap, Android

Awards & Hackathons

- **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*