

ALOK MYSORE

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Education

M.S. - Computer Science and Engineering

University of California, San Diego

September 2016 - June 2018 (expected)

Recipient of the **"UCSD CSE Masters Research Award 2017"**

Teaching Assistant for "Interaction Design" and "Interaction Design Studio"

B.E. - Computer Science and Engineering

PES Institute of Technology, India; Cumulative GPA: 9.12/10

August 2012 - May 2016

Recipient of the **"M. R. Doreswamy scholarship for academic excellence"**

Work Experience

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

Microsoft January 2016 - June 2016
Intern, Office365 Team

- Ported the Microsoft Bot framework to Outlook Web, enabling chat based AI on e-mail
- 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 multi modal tutorial
- First author paper under review at ACM UIST 2017
- 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 largest ever 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
- 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