

ALOK MYSORE

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Education

M.S. - Computer Science and Engineering

University of California, San Diego

Recipient of the “UCSD CSE Masters Research Award 2017”

September 2016 - June 2018 (expected)

B.E. - Computer Science and Engineering

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

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

August 2012 - May 2016

Work Experience

Yelp

Intern, Distributed Systems and Data team

June 2017 - September 2017

- Built a Sandbox for all of Yelp’s data storage infrastructure for use by client teams
- Technologies used: Python, Docker, Cassandra, Elasticsearch

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, DTrace, AppleScript

Databases / Frameworks

PostgreSQL, MySQL, AngularJS, JQuery, Bootstrap, Android

Awards & Hackathons

- Microsoft Imagine Cup 2017 - Winner, US finals
- 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