

# ALOK MYSORE

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Seeking a software development internship for summer 2017

## EDUCATION

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### M.S. - Computer Science and Engineering

September 2016 - May 2018 (expected)

University of California, San Diego

Graduate Teaching Assistant for "Interaction Design" (CSE 170)

### 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. Doreswamy scholarship for academic excellence"

## WORK EXPERIENCE

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### 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 the Bing search engine knowledge panel
- Technologies used: C#, internal Microsoft big data analysis framework - Scope, Cosmos

## RESEARCH PROJECTS

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### 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

### Parallelizing Time Series subsequence search on Nvidia CUDA

Center for Cloud Computing and Big Data, PES Institute of Technology

- Implemented and Optimized Time Series Sub-sequence search on NVidia CUDA
- Achieved 6x performance increase versus benchmarks
- Technologies used: C, CUDA

## TECHNICAL SKILLS

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

## AWARDS

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- **Mylan Hack summit 2016 - 1st runners up**  
Machine learning based solution to predict the spread of viruses across countries
- **InMobi Hackday 2016 - Winners**  
Semantic search in photo gallery with queries like "photos on a beach" or "photos of me and X"
- **Google Bizdroid Hackathon 2014 - Winners**  
Real Time location based offers from local business to the consumer
- **Google Indic Language Android Hackathon 2014 - Winners**  
Crowd-sourcing and gamifying language translations
- **Microsoft Ventures Hackathon 2014 - 2nd Runners up**  
App to meet relevant people on events based on LinkedIn and Facebook data