

# Shrikanth Narayanaswamy Chandrasekaran

## CONTACT INFORMATION

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## SUMMARY

An Engineering graduate with 9 years of industry experience seasoned in research environments. Presently, pursuing PhD in Computer Science at NC State University, Raleigh.

## EDUCATION

- 2017 - Pursuing, PhD in Computer Science at North Carolina State University.
- 2004 – 2008 4 year full-time Bachelor of Engineering in Electronics and Communication,  
Saveetha Engineering College, affiliated to Anna University – Chennai

## EMPLOYMENT HISTORY

- 2017 – **NC State University | Lab : RAISE**(<http://ai4se.net/> )  
**Advisor :** Dr.Tim Menzies (<http://menzies.us/> )  
**Role: Teaching & Research Assistant**
- Been a Teaching assistant for DBMS, Software Testing and presently Software Engineering.
  - Recent open source contribution: [Ok Eclipse - Voice enabled ID](#)
  - Research areas : Validating Intuitions in Software Engineering using data mining.
- 2014 – 2017 **Accenture Solutions Private Limited, Bangalore India**  
**Role: Technology R&D Specialist**
- Validate research intuitions, publish and protect ideas.  
*Recognized for outstanding contributions ( 2 publications and filed 3 patents).*
- 2011 – 2014 **ABB India Limited, Bangalore India**  
**Role: Software Engineer** | Software Development, LV Systems R&D
- Developed a standalone Low voltage switchgear configuration and reporting tool predominantly based on Java.  
*Star Employee for a quarter*
- 2008 – 2011 **Infosys Limited, Chennai India**  
**Role: Senior Systems Engineer**
- Build tools around banking domain and integration infrastructure.  
*Finacle on the spot award*

## SKILLS

- Standalone product development
  - Java Standard Edition 1.6 and python 3
  - Using Java Swing and Eclipse platform
- Software Engineering
  - Object Oriented Analysis and Design, design patterns and UML
- Project Management
  - Methodologies : Test driven development, Spiral model and waterfall
  - Tools : WBS, MS Project and MS Office suite
- Research areas
  - Crowdsourcing, Program analysis (repair), Software maintenance (incident management), Data science pertaining to SE.
- Machine learning
  - Weka,R statistical package, scikit and Carrot2, Splunk and ELK stack
- Other
  - CMU Sphinx and Open NLP
  - LateX, HTML, CSS, C#,javascript, AWS, slack and Apache tomcat

## PUBLICATIONS

- Anurag Dwarakanath, N. C. Shrikanth, Kumar Abhinav, and Alex Kass. 2016. *Trustworthiness in enterprise crowdsourcing: a taxonomy & evidence from data*. (ICSE '16).
- Anurag Dwarakanath, Upendra Chintala, Shrikanth N. C., Gurdeep Viridi, Alex Kass, Anitha Chandran, Shubhashis Sengupta, and Sanjoy Paul. 2015. *CrowdBuild: a methodology for enterprise software development using crowdsourcing*. (CSI-SE ICSE '15).
- Kumar Abhinav, N. C. Shrikanth, Anurag Dwarakanath. *Simulation of Consensus Based Approaches to Mitigate the Challenges in Crowdsourcing*. WAWSE 2015 The Workshop on Alternative Workforces for Software Engineering co-located with APSEC 2015.

## PATENTS FILED

1. Automated Inference Of Evidence From Log Information
2. Method and system for visual requirements and component reuse driven rapid application composition
3. Incident Prediction and Prevention
4. Generating a Test Script Execution Order.

## CERTIFICATIONS

- [1] Sun/Oracle certified Java Programmer Java SE 1.6
- [2] Sun/Oracle certified Web component developer Java EE 5