Rohit Jha

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EDUCATION

MS in Computer Science
UNIVERSITY OF CALIFORNIA, SAN DIEGO
San Diego, CA
Sep 2015 - Jun 2017

BE in Computer Engineering
UNIVERSITY OF MUMBAI
Mumbai, India
Jul 2009 - Jun 2013

LINKS

Github:// **rohitjha**
LinkedIn:// **rjha1**

GRADUATE COURSEWORK

Software Engineering
Ubiquitous Computing
Building Secure Systems
HCI for Health
Programming Languages
Artificial Intelligence
Advanced Compiler Design
Computability and Complexity

SKILLS

Languages
C • Java • C# • C++ • Python • JavaScript
• PHP • Ruby • TypeScript • Haskell • Scala
• Go • F# • SQL • Shell • Assembly

Frameworks & Libraries
.NET • Node.js • Express.js • AngularJS
• ReactJS • Bootstrap • jQuery • LLVM
• OpenMP • CUDA • Rails • Android SDK

DBMS
Microsoft SQL Server • Oracle Database
• MySQL • MariaDB • SQLite • MongoDB

AWARDS

2015	TCS On The Spot Award
2015	TCS On The Spot Award
2015	Best Dow Reliability Success Story
2015	TMS Best CIP of the Quarter
2014	Dow Reliability Ambassador
2014	Best Dow Reliability Success Story
2014	TCS On The Spot Award
2014	TCS Initial Learning Program Kudos
2014	TCS LIREL

WORK EXPERIENCE

Lytx, Inc. | SOFTWARE ENGINEER INTERN
Jun 2016 – Aug 2015 | San Diego, USA
- SaaS development using AngularJS on the front-end, Node.js, .NET and SQL Server on the back-end in an agile development environment
- Implemented user stories, fixed defects, participated in daily stand-up and weekly scrum meetings
- Improved software reliability by reviewing code, writing automated unit and E2E tests

Tata Consultancy Services (TCS) | DEVELOPER
Nov 2013 – Jun 2015 | Mumbai, India
- Development, enhancement and 24×7 L1–L3 technical support for infrastructure and applications developed in Java, .NET Framework and Oracle Fusion Middleware
- Improved infrastructure and applications' robustness, efficiency and reliability

SELECTED OPEN-SOURCE PROJECTS

HTTPS Everywhere by EFF
A browser extension that encrypts your communications with many websites

zxcvbn by Dropbox
A realistic password strength estimator

Tesseract.js
Pure JavaScript OCR for 62 Languages

SELECTED PROJECTS

FloRead
Oct 2016 – Dec 2016
An online document/article viewer that enhances the on-screen reading experience

A DSL for Garbled Circuits
Oct 2016 – Dec 2016
A domain-specific language that allows secure creation and application of garbled circuits for secure function evaluation

Automatic Parallelization of C Programs
Sep 2015 – Mar 2016
A tool which converts C programs into parallelized, functionally equivalent versions tailored for cluster, multicore and GPU computing

Fitness Bands for Health Outcomes
Sep 2015 – Dec 2015
A software that collects data about users' activities from fitness bands, analyzes this and displays it to them, their doctors and medical researchers

DiMPL – Discrete Mathematics Programming Language
Aug 2012 – Nov 2015
A DSL built on Haskell that provides a library of functions and an accurate notation for set theory, graph theory, logic, number theory and combinatorics