

Rohan Raja

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An inquisitive self learner, experienced in writing readable, testable and extensible production quality code. Have a passion for devising and implementing end to end software solutions for solving real world problems.

EDUCATION

IIT KHARAGPUR

MATHEMATICS AND COMPUTING
5 year Integrated MSc
Cum. GPA: 7.84/10

SAWAI MAN SINGH SCHOOL

Grad. 2011| Jaipur, India

SKILLS

PROGRAMMING

Favourite:

C# • Python • Ruby • Go

Proficient

C • C++ • Shell • Javascript

Frameworks

React • Rails • .NET

TOOLS AND UTILITIES

Docker

Test Driven Development

Software Design Patterns

COURSEWORK

GRADUATE

Object Oriented Programming

Operating Systems

Database Systems

Artificial Intelligence

Compiler Design

ACHIEVEMENTS

• **Gold Medal out of 10 IITs**, Inter-IIT Software Dev Competition

• **Winner out of 20 teams**, Microsoft Code-Fun-Do Hackathon 2012

• **Captain**, Inter-hall Software Dev Competition, IIT Kgp, 2015,2016

LINKS

Tech Blog:// algomuse.com

LinkedIn:// [rohanraja9](https://www.linkedin.com/in/rohanraja9)

Github:// [rohanraja](https://github.com/rohanraja)

EXPERIENCE

MICROSOFT | SOFTWARE ENGINEER

July 2016 – Present | Hyderabad, India (2 years)

- As member of a scrum following team, wrote thoroughly reviewed, test-driven code for bug fixes and new features
- Had direct interaction with my product's users based on which proposed and implemented new solutions which directly helped several customers.
- Investigated a legacy code base for reliability defects, identified fixable areas and implemented reviewed solutions (later planned and lead a refactoring task)
- Took initiatives to identify team's internal productivity issues and came up with innovative solutions and POCs (like a new UI testing framework to simplify and speed up test case authoring)
- Often took part in fixing bugs to help meet release deadlines for other products which required quickly getting familiar with new code bases and technologies

DREAMWORKS ANIMATION | SOFTWARE ENGINEERING INTERN

May 2015 – July 2015 | Bangalore, India (2 months)

- Worked on the YouTube Captions team in primarily vanilla Javascript and Python to plan, design and
- All code was reviewed, perfected, and pushed to production.

BRIGHAM YOUNG UNIVERSITY | RESEARCH ASSISTANT

May 2014 – July 2014 | Provo, Utah, USA (2 months)

- Phabricator is used daily by Facebook, Dropbox, Quora, Asana and more.
- Led a team from MIT, Cornell, IC London and UHelsinki for the project.

UNIVERSITI MALAYSIA SARAWAK | WEB DEVELOPER INTERN

June 2013 – July 2013 | Sarawak, Malaysia (1 month)

- Redesigned a web UI using Bootstrap and got positive feedback on its usability.
- Developed an api server in PHP/MySQL along with a user authentication service.

PROJECTS

CODEVINES - WEB BASED TIME TRAVEL DEBUGGER

2018 - C#, Rails, React, Redux

Developed to improve code ramp up process by enabling new developers to debug code for common user stories, all without setting up any dev environment.

SCREENSHOT MATCHING BASED UI TESTING FRAMEWORK

2017 - C#, OpenCV, Python, Cucumber

Authored a Multi-OS, Redis based distributed computing library.