

Avinash Sivaraman

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EDUCATION

ARIZONA STATE UNIVERSITY
MASTERS IN COMPUTER SCIENCE
Present - May 2020 | AZ, US

**COLLEGE OF ENGINEERING,
GUINDY**

ANNA UNIVERSITY
BTech IN INFORMATION
TECHNOLOGY
Completed Dec 2016 | Chennai,
IND
Cum. GPA: 8.9/10.0

LINKS

Github:// [avinashsivaraman](#)
LinkedIn:// [avinash-sivaraman](#)
Twitter:// [@AvinashSivaram](#)

RELEVANT COURSEWORK

GRADUATE

Multimedia and Web Databases
Natural Language Processing
Mobile Computing

UNDERGRADUATE

Web Technologies
Data Analysis & Machine Learning
Knowledge Engineering
Operating Systems
Distributed System
Cloud Computing
(Research Asst. & Teaching Asst)
Unix Scripting and Internals
Web Technologies

SKILLS

PROGRAMMING

JavaScript • Python • Shell • C
HTML • Java • C++

FRAMEWORK

React • Redux • NodeJS • PHP •
HazelCast • Firebase • Open Stack •
RxJS

Familiar:

React Native • Android • MySQL

EXPERIENCE

FACT LAB AT ASU | GRADUATE SERVICE ASSISTANT | REACT DEVELOPER
Sept 2018 - Present | Arizona, US

- Working as the React Developer in the FACT Client Team.

GOLDMAN SACHS | TECHNOLOGY ANALYST | FRONT END ENGINEER
June 2016 – June 2018 | Bangalore, IND

- Worked on Distributed Trade Processing (DARTS) Team under Goldman Sachs Asset Management (GSAM).
- Developed a Web User Interface using **React** and **Redux** to monitor, search, amend and cancel the trades booked by traders.
- Achieved an increase in performance of **75%** by identifying the minimal representation of a UI state and reducing the bundle size of the application.

GOLDMAN SACHS | SUMMER ANALYST INTERN
May 2015 – June 2015 | Bangalore, IND

- Implemented the **Automated Testing** using **JBehave** for Central Trading Desk Team to improve the code quality and reach the high Test Maturity Model (TMM) level.
- Test coverage includes **70%** of the application.

PROJECTS

DYNAMIC FAIRNESS SCHEDULING IN OPENSTACK | HEAD
UNDERGRAD RESEARCH | JAN 2015 – 2016 | CHENNAI, IND

- Achieved a high throughput in scheduling each node in OpenStack using "Best Fit Scheduler" and "Live migration support".
- Used - Python, Arima Time series model.

NEXTGEN SMART CLASS | GROUP PROJECT
Mar 2014 – May 2015 | Chennai, IND

- Designed an Android app to solve the problem of communication between professor and students in the class using the local network. Used - Android Development, Network Programming in Java.

EVENT SUITE | HACKATHON PROJECT | MAY 2016 | CHENNAI, IND

- Created an Android app to show location specific Events and Advertisement to the users. Used: Android, Geo Location API, Google Analytics

IRELIEF | HACKATHON PROJECT | MAR 2016 | CHENNAI, IND

- Built an Blood bank management Android app to manage donor's data and push notification to blood donor based on the location and the need.

ONGOING PROJECTS

- Establishment of Similarities between Diverse Social Images.
- 'Learn American Sign Language' Android App.

ACTIVITIES

2018 Volunteered to lead the **React & Redux Learning series** in Goldman Sachs.
2016 Headed as **Chairman** in "ITRIX", an intercollegiate technical symposium.
2015 Core member of technical team in "**Kurukshetra**", a UNESCO certified fest.
2014 Supporter of Open Source Software and member of Free Software Association.