

Nivedhita Sathyamurthy

Software Engineer at Facebook

Summary

I am a passionate computer science engineer pursuing my masters in computer engineering. I received my Bachelors in Technology in Computer Science and Engineering from Amrita Vishwa Vidhyapeetham in Coimbatore, India. During my undergrad program, I interned at Amazon Development Center India as a Software Engineer. I worked in the Associates Fraud team and my project was to find violators of the Operational Agreement for Associates. Doing this project, I found myself dealing with huge data and optimizing the algorithms for better performance. I realized at this time that writing code that works in parallel might not be hard but to write efficient code that works in parallel is a hard problem. And the massive amounts of data generated in today's world just fascinated me and increased my curiosity to learn more about handling big data in an efficient way. After graduating, I decided to work full time in Amazon. During my full time employment, I worked with the Digital Commerce Platform in developing the post-purchase support web page for all digital content and devices. During this time, I learnt a great deal about large scale software applications and all about building scalable technology.

My experience with handling big data, and the associated challenges made me realize the need for more knowledge. The best solution to the situation was to pursue graduate studies. I came to University of California, Irvine for my masters in Computer Engineering. I started working under Dr. Athina Markopoulou soon after starting the program to research on data sciences and machine learning.

Currently, I work on handling data from mobile networks and applications; in mining the data, deriving inferences and visualizing the data in an easily comprehensible format. I also work on building user-friendly and widely usable mobile application.

Experience

Software Engineer at Facebook

April 2017 - Present

Graduate Student Researcher at UC Irvine

March 2016 - March 2017 (1 year 1 month)

Working as part of the Networking Group under the supervision of Dr. Athina Markopoulou. I currently work on mining and analysing large scale internet data from mobile applications and creating user-friendly applications visualizing the inferences drawn out of the analysis.

Student at UC Irvine

September 2015 - March 2017 (1 year 7 months)

Software Engineering Intern at Facebook

June 2016 - September 2016 (4 months)

Research Intern at UC Irvine

October 2015 - March 2016 (6 months)

Working as a research intern at the Networking Group under Dr. Athina Markopoulou

Software Development Engineer at Amazon

July 2014 - August 2015 (1 year 2 months)

SDE in the Kindle vertical working on the development of the web page that handles the post purchase support for digital devices.

Software Development Engineer - Intern at Amazon

January 2014 - July 2014 (7 months)

SDE Intern with the Associates team working on finding violators among the associates.

Education

University of California, Irvine

Master's Degree, Computer Engineering, 2015 - June 2016

Activities and Societies: AGS Council Member

Amrita School of Engineering

Bachelor of Technology (B.Tech.), Computer Science and Engineering, 2010 - 2014

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[Contact Nivedhita on LinkedIn](#)