

SALEEM AHMED

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Dear Sir / Ma'am,

I'm a first-year computer science MS student at the State University of New York at Buffalo. I am currently looking for a **summer 2018 internship opportunity**.

I plan to specialise in **machine learning** and currently have the subjects : **Algorithm Design & Analysis, Distributed Systems, Introduction to Machine Learning and Computer Vision & Image Processing**. I am also a part of, **The Data Intensive Distributed Computing Laboratory at UB**.

Before joining UB this fall, I was **working as a software engineer** at a food tech company and a **full-stack developer** at a hyperlocal delivery model startup previously for around **2.5 years , in India**.

I have worked with large scale web applications. Building and designing the core backend API's and also highly scalable client facing interfaces. This opportunity highly interests me. In my first job I led a team of 4 people responsible for developing and maintaining web interfaces built on **AngularJS 1.0**, and personally I was primarily responsible for the backend architecture and solving the core problems for building a distributed micro-services based application that would use the least resources (in terms of cloud storage, cpu usage etc) while serving maximum customers without having to vertically scale. The main customer-facing **REST API's** were in **NodeJs** using **express** as the framework, for the heavy computational work (computing customer fares, finding optimum delivery routes, suggesting relevant products ...) we used **python in the Django framework**.

I also recently won the Sequoia Hackathon, where I built a web browser extension that basically acts like the Adblock extension but actually blocks all vulgar and abusive content on-screen, learning based on the **RNTN model** as to which content is abusive. It was coded in 30 hours from scratch built on the Stanford NLP module (which is published as a **java** library). The web api's were built in NodeJS and the browser extension was plain **javascript**.

I feel my past experiences and acumen make me a good fit of the skills you are looking for in a prospective candidate.

I would appreciate it if you could go through my resume and please let me know if I match up to your expectations. This would be a great opportunity for me .

Warm Regards,

Saleem Ahmed

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