**SAHAS ARORA**

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**ACADEMIC QUALIFICATIONS**

Bachelor of Science in Computer Science, San Francisco State University, California, USA, August 2018, CGPA: 2.53

Masters of Science in Computer Science, Denmark Technical University, Lyngby, Denmark, September 2020 -

**PROFESSIONAL EXPERIENCE**

***Full-Stack Web Developer*, Jan Brown & Associates, San Francisco, CA, USA**

**Duration:** November 2019 -January 2020

* Responsible for the regular development and maintenance [of the website http://www.janbrownassociates.com](http://www.janbrownassociates.com)
* Developed a back-end server using NodeJS and ExpressJS
* Integrated a database using Mongoose for receiving and storing client queries and forms
* Used ReactJS and CSS (Flexbox) for the front-end of the application

***Web Developer*, Tessora LLC, San Francisco, CA, USA**

**Duration:** January 2019-October 2019

* Responsible for the regular development and maintenance of the website www.tessoraclothing.com
* Developed several iterations of the company’s website for winter, spring, summer and autumn
* Worked on Shopify’s template engine Liquid (based on Ruby) on routine basis
* Prepared interface for different vendors and retrieved a detailed project report

**ACADEMIC PROJECTS**

**Title**: Environmental Hazards - Reporting & Management

**Period**: January 2018 – May 2018

**Team Size**: 7

Developed the application using Python’s Django web framework and the LAMP stack, this real world web-application allows its users to post any environmental hazards that they come across, as well as look up existing posts by other users in the city of San Francisco, thereby promoting Environmental Hazard management. Used Bootstrap for the front-end framework, Python for the back-end development, MySQL for database management, and built the app on an Apache Web Server.

**Title:** MD5 - Encryption Though Multiple CPUs

**Period:** January2018 – May 2018

**Team Size:** 5

Developed a web application that encrypted MD5 passwords from a static list of passwords for this project, through the use of CPU power from multiple local machines connected to the same server. The task of encryption was cut short considerably as opposed to a single local machine performing the task.

**INTERNSHIP**

*Research Intern,* Ernst & Young

**Period:** July 2016-August 2016

Interacted with clients on routine basis in order to understand the engagement and coordinated with the performance improvement team to formulate financial automated module. Conducted data management and contributed in uploading articles and news on SharePoint sites. In addition to this, researched on industry specific taxation policies during the same period

# TECHNICAL SKILLS

* **Languages** : JavaScript (ES6), Python, C, C++, Ruby
* **Front-end development :** ReactJS, Redux, HTML, CSS, jQuery, React Native
* **Back-end development :** NodeJS, ExpressJs, Django
* **Database :** MySQL, MongoDB, GraphQL
* **Cloud and development :** AWS, Docker, Kubernetes, Heroku
* **Version Control Tools :** GitHub

**EXTRACURRICULAR ACTIVITIES**

* Performed at multiple clubs and cafes as a bassist and vocalist in and around Delhi and San Francisco, January 2015 - January 2020
* Organized an SQL and MySQL workshop along with two batch mates for sophomores and freshmen of Computer Science department – San Francisco State University, April 2018
* Assisted three young boys to reach basic levels of literacy under ‘Each One Teach One’ programme at Mount St. Mary’s Delhi, September 2011