**Kevin Chawla**

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**Qualifications Profile**

Self-motivated and innovative young professional with a sharp technical acumen, relevant academic background, and passion for software engineering, poised to leverage keen programming expertise within an Agile environment. Familiar with the entire software development process from design and development to testing and deployment. Well-schooled in translating UX concepts into code, developing new user features, and participating in design reviews.

**Technical Proficiencies**:

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| Languages: | C, C++, C#, Python, Java, UML, JavaScript, HTML5, CSS, MATLAB |
| Frameworks: | React, Node.js, Angular, Bootstrap, Redux, ES6 |
| Environments: | Windows, Linux, MacOS |
| Database Applications and cloud: | MySQL, XAMPP, NoSQL, MongoDB, DynamoDB, AWS |
| Software & Tools: | SAS, Microsoft Office Suite: Excel, Word, PowerPoint, Access, Agile with scrum SCRUM |

**EDUCATION**

**Bachelor of Science in Computer Science, Minor in Business Administration and Mathematics** (Expected in May 2021)

The University of Texas at Arlington, Arlington, Texas

***Relevant Coursework:*** *Software Engineering, Object Oriented Programming, Data Structures & Algorithms, Operating Systems, Computer Networks, Professional Practices, Machine Learning, Artificial Intelligence*

**Relevant Projects**

* Static portfolio made using HTML5 and CSS. [kxc3244.github.io/portfolio](https://kxc3244.github.io/portfolio/)
* Currently working on a IoT hub that works with the twitch API to give audience streamer’s environment control
* Developed a database of doctoral candidate with front-end programming using MySQL, PHP and HTML.
* Developed a Naïve Bayes Classifier using python which takes training data and gives results for test data
* Programmed a shell in C to provide all the basic functionalities of a shell program.
* Developed a simulation of a professor's office hours for courses implemented using multi-threading in C
* Designed and developed a web-based application to keep users informed about corona virus spread ranging from the first case to the steps implemented by the government in South East Asia and Western Pacific regions.
* Developed a MapReduce (Hadoop) program in java to use Big data concepts to process the US census data and provide the requested results by the user

**Experience Highlights**

**STUDENT DIRECTOR OF LEADERSHIP HONORS PROGRAM (2019 – 2020)**

* Spearheaded a diverse base of 450+ members, augmented the number of followers by 60%, and improved member involvement by 40% through revamping the marketing model, optimizing member participation, and analyzing marketing strategies.

**OFFICER OF MAVERICK NETWORK COMPUTER SOCIETY | (2018 – 2019)**

* Coordinated information sessions about block chain and programming trends, explored smart contract and consensus mechanisms by partnering with Komodo, and organized a workshop using intel AI stack while collaborating with Intel.

**TUTOR AT MATH LEARNING RESOURCE CENTER (2019-Present)**

* Played an instrumental role in helping students to better understand the concepts of mathematical coursework while preparing review sessions to prepare students for examinations.