ANKITA SHARMA

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EDUCATION

The University of North Carolina at Charlotte, NC   (Graduation - May 2018)
Master of Information Technology (Concentration in Advanced Data and Knowledge Discovery) – GPA 3.90

Panjab University, Chandigarh, India   (Graduation – May 2016)
Bachelor of Engineering in Information Technology (with Hons.) – GPA 3.87

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, C/C++, PHP
- **Web & Mobile Technologies:** React JS, React Native, JavaScript, Node JS, Express JS, jQuery, Android, Laravel, HTML5, CSS3, AJAX
- **Data Analysis:** R, SAS, Tableau
- **Database:** MySQL, Oracle, Postgres
- **Tools & Development Environment:** VS Code, Eclipse, Jupyter Notebook, Jira, Jenkins
- **Servers, Containers, Version Control:** Docker, Amazon EC2, Firebase, Google Compute Engine, Git, REST API

WORK EXPERIENCE

Front End Developer (Co-op) – Ahold Delhaize   (January 2018 – May 2018)
- Implemented Speech Recognition in React JS based item locator application using Web Speech API.
- Developed a product locator application known as "Find-IT" using React JS and React Native in an agile environment.
- Configured Firebase and developed user interface components using iOS swift for the "Watermelon" iPad app. The app was meant to enhance gaming experience of the employees and was developed for a hackathon at the company
- Implemented product tracking web app using Hyperledger Fabric Blockchain framework

Application Developer - Technology Solutions Office, UNC Charlotte   (October 2017 – January 2018)
- Implemented web application for College of Health and Human services in an agile environment. Developed user interfaces with access authorizations, to facilitate viewing and processing of college applications. The application was developed using Laravel framework and deployed in a Docker Container
- Used Jenkins for continuous integration and testing. Worked with Jira for agile project management and issue tracking

System Engineer - Infosys Limited, Chandigarh, India   (January 2016 – December 2016)
- Worked in the shared resource pool of Retail Logistics Application Development Unit using agile software engineering methodology
- Responsibilities were, preparation of Product Requirement Documents, translation of user requirements into use case diagrams and preparation of user storyboards for pre-sales and marketing presentations
- Interned and received training on Linux Shell Scripting, Python and web development technologies including PHP, AJAX, jQuery and Bootstrap CSS
- Played role of scrum maters in the agile team responsible for Enco Tech's career portal development

ACADEMIC PROJECTS

Machine Learning   (August 2017 – December 2017)
- Prepared training models from scratch in Python for Principal Component Analysis, Linear Discriminant Analysis, Neural Network, Logistic Regression, Linear Regression, Hierarchical Clustering and K-Means Clustering.

Mobile Application Development   (May 2017 – July 2017)
- **Expense Manager:** Android based application with Firebase integration, for managing personal expenses and sharing the expenditures with friends
- **Other in-class Assignments:** Developed Weather Forecast and Music Search application as part of course assignments. For serving data to the applications, XML and JSON APIs (Weather Underground API, Tunes Music Search) were used

Human Computer Interaction   (January 2017 – May 2017)
- **Baby Bliss iPhone App:** User Experience focused mobile application prototype. The purpose of the application was to allow parents to find a suitable babysitter for their child and give job opportunities to the interested babysitters
- Used contextual inquiry, questionnaires, discount evaluation, pilot study, user study design, persona creation, low and high-fidelity prototyping

Software System Design & Implementation   (January 2017 – May 2017)
- **Charlotte Events:** Using the methods of agile software development, developed a web application which comprised of Events Suggestions based on user's interests, Event Sharing and Carpool Scheduling. The team comprised of 4 students and my chief role was project prototyping, user interface development and scrum management