

# Akhil Menon

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## Education

Temple University, College of Science and Technology

Philadelphia, PA

**Master's in Information Science and Technology**

Graduation Date: May 2018

- Project – **Combat smoking behavior using IoT technology**
  - ❖ Objective- A Human Activity Recognition project that enabled analysis and monitoring of users' smoking patterns in their daily life using sensors embedded in a wristband.
  - ❖ Tasks - Data Collection, Data Cleaning and Preprocessing Using Python and Matlab.
  - ❖ Machine learning algorithms - Support Vector Machine, Logistic regression, Naïve Bayes and Decision Tree were implemented with the data and the best output was used to create an automated self-learning model for activity recognition.
- UX Designing Project – **Prototype of mobile app for seeking medical care (Usability Engineering)**
  - ❖ Objective - To create an intuitive and robust user experience design of an app that provides ways to search for a specific category of medical care givers in the area, and proceed to schedule and manage appointments using the app.
  - ❖ Tasks - Creating user personas, User/information flow, Prototyping, Iterative development, Wireframing, User interviews & Data analysis for Requirement gathering and Usability testing.
  - ❖ UX designing tool – Axure RP, Draw.io, SKETCH

Ramrao Adik Institute of Technology

Navi Mumbai, India

**Bachelor in Engineering (Information Technology)**

Graduation Date: June 2015

- Project – **Cloud storage and retrieval of data using Hadoop and MapReduce**
  - ❖ Objective - To research and demystify the mechanisms to store and retrieve large amounts of multi format Big Data environment. The framework used to demonstrate this capability was Hadoop MapReduce framework that collects, sorts and reduces the data sets to run the tasks in parallel.
  - ❖ Tasks - Created a website that provided word level querying of data in the retrieval process using Hadoop and MapReduce.
  - ❖ Languages – HTML5, CSS, ANGULARJS, JAVA, JSON, JSP, MYSQL

## Technical Skills

HTML5	JAVASCRIPT	ANGULARJS	C++
JAVA	DRAW.IO	SKETCH	C
AXURE RP	MOCKPLUS	BALSAMIQ	MYSQL
PYTHON	ORANGE	MATLAB	EXCEL
PHOTOSHOP	ILLUSTRATOR	INVISION	ORIGAMI

## Work Experience

Trigyn Technologies

Edison, New Jersey

**UX Designer Intern**

June 2017 - August 2017

- Objective - The overall business requirement was to create a mobile app for users with dual SIM phones to be able to monitor the data usage while on roaming and cellular data connections
- Tasks - Creating user personas, User/information flow charts, Prototyping, Iterative development, Wireframing, User interviews & Data analysis for Requirement gathering and Usability testing.
- UX designing tool – MOCKPLUS, BALSAMIQ

Media Dei

Philadelphia, PA

**UX Designer Intern**

February, 2018 – May 2018

- Researching and extracting design principles from art of ancient era
- These principles can be extended to designing aesthetically designing websites and mobile applications. My work was to explore ways to apply the Golden Ratio in the designs that provides a pleasant user experience. This experience helped me to review my earlier work executed in designing wireframes for a mobile application.



