

# Vidhi Kamleshbhai Amin

3001 South King Drive, #505, Chicago, IL-60616

+1-(623)- 296-6603 | [vamin3@hawk.iit.edu](mailto:vamin3@hawk.iit.edu) | <https://www.linkedin.com/in/vidhiamin/>

## EDUCATION

**Illinois Institute of Technology, Chicago, IL, USA**

**Jan 18 - Dec 19**

Master of Computer Science || GPA 3.5/4

**Courses-** Data Preparation Analysis, Machine Learning, Web Enterprise Application, Computer Network, Computer Vision, Online Social Networking Analysis, Mobile Application Development

**Gujarat Technological University, Ahmedabad, Gujarat, India**

**AUG 13 - May 17**

Bachelor of Engineering (Information Technology) || GPA 3.83/4

**Courses-** Big Data, Cloud Computing, Artificial Intelligence, Web Technology, Algorithms, Data Structure, Computer Graphics

## PROFESSIONAL EXPERIENCE

**1) Resolve, Web Developer Intern, Ohio, USA** (*React JS, Firebase, Html, CSS, JavaScript*)

**JAN 19- Present**

Built different components of a website and connected with Firebase

**2) Exxat Systems Pvt Ltd, Software Engineering Intern, Pune, India** (*JavaScript, SQL*)

**JUN 18 - JULY 18**

Configured the application through backend by writing SQL queries, wrote and executed necessary JavaScript's to implement a functionality within that application

**3) Infobizzs, Web Developer, Anand, India** (*HTML, CSS, JavaScript, Bootstrap, Php and MySQL*)

**JUN 16 - MAY 17**

Designed and implemented a website for restaurant owners and customers to order food, make a reservation, personalize food.

## TECHNICAL SKILLS

Python, R, SAS, Scala, Tableau, C, C++, JAVA, HTML, CSS, JavaScript, Bootstrap, React JS, AngularJS, Php, SQL, MongoDB, MATLAB, WordPress, Firebase, Android Studio,

## ACADEMIC PROJECTS

**1) Smart Portables (Illinois Tech, Chicago, USA)** (*HTML, CSS, JavaScript, SQL, MongoDB, Bootstrap*)

**AUG 18 - DEC 18**

- Build an E-Commerce website with features such as Inventory management, secured authentication along with session handling, view and write review, E-mail notification sent to customer when an order is placed.
- Customer can see trending products, Twitter connector using python to retrieve best deals from top websites (like Walmart/BestBuy) and compare as well as display deals on home page.

**2) Job Portal (Illinois Tech, Chicago, USA)** (*HTML, CSS, JavaScript, SQL, MongoDB, Bootstrap*)

**NOV 18 - DEC 18**

- Design and implement a website for recruiters to post jobs, see employers resume and filter resumes based on the preferences.
- Employers can apply for jobs, see the details of recruiters and employers.
- Admin can approve jobs which is posted by recruiters.

**3) House Price Prediction (University of Maryland, Baltimore, USA)** (*R, Python*)

**FEB 18 - MAY 18**

- Analysis on Ames House dataset, to identify which factors are important to predict the house price and identify if there is any relationship between most expensive neighborhood and most preferable house. I tried to predict the price range of house using neural network and regression model.

**4) Zomato Data Analysis (University of Maryland, Baltimore, USA)** (*Python, R*)

**FEB 18 - MAY 18**

- Perform analysis on Zomato dataset and found which was the best restaurant, most preferable cuisines, highest rated restaurant, most expensive restaurant, etc.
- Used machine learning algorithms such as classification and K-means clustering.
- Predict the price range of restaurants using neural network algorithm.

**5) Crime Prediction model for Baltimore (University of Maryland, Baltimore, USA)** (*R, Python, Excel*)

**FEB 18 - MAY 18**

- Recognized patterns between the datasets and crime by extracting records.
- Built visualizations and prediction models to accurately reflect our findings (Apriori Rule Mining, Regression Analysis, Recurrent Neural Network).
- Enhanced models' accuracy by Cross Validation, Confusion Matrix and other methods.

**6) Quality Assessment: Tulsi (GTU, Anand, India)** (*MATLAB*)

**AUG 16 - DEC 16**

- Build an android application to detect disease of Tulsi leaf and used MATLAB to detect diseases using Region Property.