

EMPLOYMENT

Information System Intern **American Civic Association, NY** **Summer 2017**

- Developed official portal of American Civic Association Inc with online event management.
- Revamped 80+ years old NGO by taking its record keeping & reports generations procedures online.

Junior Developer **Content Sphere, India** **Jun 2014 – Sep 2014**

- Contributed to projects: Pflanzen-koelle, Tegut International, Schock Handmade.
- Implemented & optimized code for access-right plugins & automated generation of discounted food items.
- Practiced agile methodology for more than 50% projects for volatile changes to the system development.

TA, Assistant Professor **VJTI, India** **Jul 2011 – May 2014**

- Courses Taught: Object Oriented Programming, Network Programming, Information Theory Data Encoding.
- Involved in instructing for a batch of 45 students for lab practical, viva, correcting homework and tests.

Project Trainee Engineer **Softech Solutions, India** **Sep 2009 – Mar 2010**

- Implemented basic credential system module for e-Governance project in Java.
- Gained experience in integration of SQL databases with Java project modules.

EDUCATION

Binghamton, NY **Binghamton University** **Fall 2016 – Dec 2017**

- M.S. in Computer Science, Watson School of Engineering.
- Programming Languages, Algorithms, Design Patterns, Distributed Systems, System Programming.

Mumbai, India **University of Mumbai** **Fall 2011 – May 2013**

- M.TECH. in Computer Engineering, thesis on Virtualization of Data Centers.
- 100% funding by Ministry of Human Resource & Development, Govt of India, GATE 98.97 percentile.

Nagpur, India **Nagpur University** **Fall 2006 – May 2010**

- B.E. in Information Technology.
- Theory of Computation, Applied Mathematics - I, Applied Mathematics - II.

TECHNICAL EXPERIENCE

Projects

- **Analyzing Thanksgiving Dinner** (2017). Uses pandas to analyze what Americans eat for Thanksgiving Dinner, Dataset – thanksgiving-2015-poll-data.csv | Python, Pandas.
- **Finding Patterns in Crimes** (2017). Analyzes data about crimes rates, types and occurrences in Montgomery County, MD, Dataset – montgomery-crimes.csv | Python, Pandas.
- **Winning Jeopardy** (2017). A popular TV show in the US where answer is given & question is predicted, analyzes texts while figuring out strategies to win at Jeopardy, Reddit – jeopardy.csv | Python, Pandas.
- **Predicting The Stock Market** (2017). Predicts the price of the Standard & Poor's 500 index, used machine learning technique gradient descent along with logistic regression, Kaggle – sandp500.csv | Python.
- **Schock** (2014). Electronic business portal for a plastic fabrication compnay in Regen, developed user-level access right plugin(s) | Java, XML.
- **Pflazen Kolle** (2014). Ecommerce portal for trees and plant products, remodeled code that generates pamphlets online, set color themes for discounts | Java.

LANGUAGES & TECHNOLOGIES

- Python, Data Analytics, Jupyter, Java, C, SQL, Ant, Git, Latex.

ONLINE COURSES

- Data Science – Dataquest.io, dataquest.io/profile/atekade1 | Python, Pandas, R, Machine Learning.
- Bitcoin and Cryptocurrency – Course offered by Princeton University | Java, Cryptography.