

Software Developer Software Developer Software Developer - Machine Learning San Francisco, CA  
Authorized to work in the US for any employer Work Experience Software Developer Sentry -  
Sunnyvale, CA May 2017 to Present Designed classifiers in Python to detect potential  
emergencies, break-ins or domestic hazards from real time audio data as a part of developing an  
intelligent home security system. Wrote production code to integrate them into the higher logic of  
the security system and interact with users based on their output. Integrated logging changes with  
AWS services like DynamoDB based on system responses. Wrote Linux scripts to automate  
software setup on Raspberry Pi based product. Python Lead Associate Instructor Indiana University  
- Bloomington, IN January 2016 to May 2017 Taught weekly Python lab sessions for 30 students.  
Managed a team of Graduate and Undergraduate instructors and handled classroom logistics for 75  
students. Solved students' questions, helping them practically apply the topics covered in class.  
Education M.S. in Computational Science Indiana University August 2015 to May 2017 Skills  
ACCESS (Less than 1 year), ASP (Less than 1 year), ASP.NET (Less than 1 year), C++ (Less than  
1 year), DATABASES (Less than 1 year) Links <https://www.linkedin.com/in/adityarajkarne>  
<https://github.com/adityarajkarne> Additional Information SKILLS Programming: Python (scikit-learn,  
numpy, pandas, matplotlib), Java, C++, C, SQL Databases: DynamoDB, Oracle, Hive, MongoDB,  
MS Access, MySQL, PostgreSQL, Microsoft SQLServer Web Technologies: HTML5, CSS3,  
JavaScript, XML, PHP, ASP.NET, NetBeans Analytics: R, Octave, Lucene, SAS, Spark,  
TensorFlow, Matlab, Weka, GoogleAnalytics, Excel Visualization: Tableau, Gephi, plot.ly, Google  
Charts Machine Learning: Regression, Support Vector Machines, Na ve Bayes, Hidden Markov  
Models, Decision Trees, K-Means, KNN, Apriori, EM, Neural Networks, Deep Learning, Random  
Forests, PCA, AdaBoost, XGBoost

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