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| technical StackPROFICIENT Python, SQL, HTML & CSS FAMILIAR JavaScript Tools Pandas  NumPy  Matplotlib & Seaborn  Scikit-Learn  Statsmodels  BeautifulSoup  Folium GIS Mapping  PySpark ML Awards & CERTIFICATIONSAWS Big Data specialty Fall 2019 Dean’s List Winter 2017 • Winter 2015 NATIONAL MERIT SCHOLARSHIP COMPETITION Commended 2014 | educationFlatiron School of New YorkData Science Bootcamp • September 2020 – January 2021 Comprehensive data science curriculum comprised of lectures, exams, blogging, and projects Projects  * [Food Insecurity Projection](https://github.com/khyateed/projecting-food-insecurity) – completed a final capstone project using neural networks, XGBoost, and linear regression to predict & map food insecurity rates in the US * [Music Label Song Recommender](https://github.com/khyateed/music-recommender) – built a recommendation system using cosine similarity, k-means clustering, and PCA to suggest similar songs from a music label * [Rock Song Classifier](https://github.com/khyateed/song-classification-project) – built a Spotify song era classifier by using logistic regression, KNN, decision trees, ensemble methods, and gradient boosting * [Housing Price Prediction](https://github.com/khyateed/predicting-housing-prices) – built the *winning* regression model that predicts house prices in Kings County, WA  University of Michigan school of information Bachelor of Science • 2014 – 2018 coursework  * Data Manipulation – web-scraping, API protocols, SQL queries, code optimization * Data Exploration – data analysis & visualization * Statistics Fundamentals – probability distributions, statistical testing * Calculus 2 – Integrals, differential equations, parametric and vector functions, limits * Web Applications – full stack web development using PHP and MySQL  EmploymentAMAZON WEB SERVICES Solutions Architect • Area of Depth in Analytics • August 2018 – Present Responsibilities  * Maintain technical proficiency of the entire AWS platform * Provide prescriptive architectural guidance for customers through calls, whiteboarding, presentations, and product demonstrations * Deliver workshops to customers groups of 5-100+ * Create and revise AWS technical content such as presentation decks and workshop labs  Consulting for Statistics, Computing, and Analytics Research Data Science Intern • Summer 2017   * Wrote and taught data analytics workshops to groups of 25+ students * Wrote daily ETL scripts and managed SQL databases to assist CSCAR consultants  west quadrangle residence hall Resident Adviser • Fall 2017 – Spring 2018   * Conducted meetings for 43 residents to relay info & ensure adherence to dorm policies * Calculated costs, organized supplies, and publicized events for 435 dorm residents  University of michigan transportation research institute Data Quality Assistant • Summer 2017   * Hand-labeled raw video files according to target variables of the study * Performed quality assurance tasks on Excel Spreadsheets and SQL Server Database  sleep & chronophysiology labratory • u of M depression center Research Assistant • Summer 2015 SLEEP CLINIC AND TESTING LABORATORIES • DOMINO’S FARMS Research Assistant • Summer 2015 |