|  |  |  |
| --- | --- | --- |
| LH **Summary** Industrious Machine Learning Engineer with 2+ years of experience building successful algorithms and predictive models at MobiDev. Highly adept at K-Means and Mean-Shift clustering. Motivated engineer and analyst proficient with various programming languages and the ability to apply ML techniques to solve business problems. Developed algorithm to predict product sales within 2%. **Skills**  Machine learning algorithms |  Natural language processing|  Clustering models C++, Java, and Python|Regression Tensorflow|Data modeling and exploration|Critical thinking  Research| Certifications -IBM Machine Learning Professional Certificate | |  | | --- | | **Luke Holloway**Machine Learning Engineer | lholloway@gmail.com |  **Experience****Machine Learning Engineer**MobiDev 2019 – 2020  * Employed programming languages such as Python and C++ to write software prototypes. Analyzed 50+ complex simulation datasets with logistic regression models. * Researched the software market for solutions to client needs. * Predicted product sales to an accuracy of 2% through predictive analytics algorithms. Translated business problems into deep learning models to produce results from data inputs. * Improved simulation accuracy by 15% through ML algorithms.  **EDUCATION**PhD in Machine LearningCarnegie Mellon **2017 – 2020**  Research paper Deep Neural Decision-Making published in Journal of Machine Learning Research.  Senior predictive modeling project posted on LifeHacker. **MSc in Machine Learning**Cornell University2017 – 2020 Achieved a 3.6 GPA.  Relevant coursework: deep reinforcement learning, convex optimization, probability & mathematical statistics, algorithms for NLP, computer vision. **BSc in Information Technology****Cornell University** **2017 – 2020**  Achieved a 3.92 GPA (Top 1% of the program). |