Python Developer Python Developer Python Developer - UCI Business Department Irvine, CA Work Experience Python Developer UCI Business Department - Irvine, CA September 2018 to Present Applying machine learning algorithms to determine correlation to game wins/losses. Developing web scraping, web crawler, and various python applications. Software Leader Purdue FPV Car Racing Senior Design - West Lafayette, IN August 2017 to December 2017 Designed a car racing game in Embedded C. Created an android app that interfaces a bluetooth controller to STM Microcontroller with the UART protocol. Research Assistant, Smart Cities Purdue FPV Car Racing Senior Design - West Lafayette, IN August 2017 to December 2017 Implemented a convolutional neural network that classifies buildings with area under the curve >= 99.5%. Research Assistant, Poshmark Purdue FPV Car Racing Senior Design - West Lafayette, IN January 2017 to May 2017 Developed web crawling tool using Python to extract posted items' information: images, titles, prices, categories, etc. into xml files. Analyzed the trend of popular to least selling items from the extracted data. Teaching Assistant Purdue FPV Car Racing Senior Design - West Lafayette, IN January 2016 to May 2017 ECE Introduction to Digital Design System (ECE 270) Application Engineering Intern Purdue FPV Car Racing Senior Design - Columbus, IN May 2016 to July 2016 Implemented a variable length encoding/a code pruning on its electronic control module (ECM) software build to achieve flash memory reduction. Designed Analog-to-Digital circuits of the two Cummins ECM sensors. Purdue Battleship Microcontroller Project, System Leader West Lafayette, IN April 2016 to May 2016 Designed a schematic and a PCB layout. Programmed a functional logic of Battleship Game using Embedded C. Education M.S. in Computer Science in Computer Science University of California - Irvine, CA September 2018 to June 2020 B.S. in Computer Engineering in Computer Engineering Purdue University - West Lafayette, IN August 2013 to December 2017 Skills android (Less than 1 year), Assembly (Less than 1 year), C (Less than 1 year), Java (Less than 1 year), machine learning (Less than 1 year), MATLAB (Less than 1 year), Python (Less than 1 year), scraping (Less than 1 year), Verilog (Less than 1 year) Links http://www.linkedin.com/in/young-taek https://github.com/ofrank23447

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