

Software Developer Software Developer Boston, MA Work Experience Software Developer Yale Department of Economics - New Haven, CT May 2017 to December 2017 Implemented Natural Language Processing algorithms in C on a financial corpus using Yale's High Performance Computing cluster. Contributed to repository of python programs. Software Engineer Intern TD Bank - Wilmington, DE May 2016 to August 2016 Analyzed customer database using SQL, SAS analytics software, and Excel. Implemented consumer credit risk estimates using the R interface to Tensorflow. Natural Sounds and Neural Coding Lab - Boston, MA June 2014 to December 2015 Performed signal analysis on neurons in the auditory cortex of a mouse using MATLAB. Responsibilities included data visualization and statistical model implementation with the goal of approximating the response functions of neurons to changing auditory stimuli. Broad Institute - Cambridge, MA June 2013 to August 2013 Attended a 10-week program in bioinformatics research through the Broad Summer Scholars Program. Learned how to write functions in the R programming language to integrate into a program that simulated cancer evolution. Education B.A. in Computer Science, Economics Yale University 2018 Malden High School 2014 Skills MACHINE LEARNING, HTML, JAVASCRIPT, PYTHON, NUMPY, CSS, PHP, MYSQL, Git Links <http://github.com/nidal123> Additional Information TECHNICAL SKILLS Languages: C, Java, Python, R, Racket, MATLAB (decreasing experience) Internet: HTML, CSS, Javascript Operating Systems: Unix (Linux), Mac OS, Windows Databases: SQL, MySQL Parallel Programming: OpenMP, CUDA, MPI Machine Learning: NumPy, Pandas, Tensorflow Biology: 521 MCAT 131:128:131:131

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