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| Donovan Orn  **Cell: (402)212-9234 Email: donovan@ornmd.com** |

# Technical Skills

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| * Python, C++, Java, Spyder, Eclipse, Unix * Pandas, Scikit-learn, Numpy, Keras, SQLite3 * Data Reduction Techniques: MIGMC, MSNR&MC, Genetic Algorithms, PCA | * Machine Learning, Active Learning, Neural Networks * Regression, Classifiers, SOM, Boltzmann Machines, Auto Encoders, Bayesian Networks * Data Structures, Graph Theory, AI, Applied Stats for IS&T |

# work Experience

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| December 2018 – pRESENTuno/unmc Student Researcher, University of nebraska omaha  * Utilize machine learning models to predict subjects with Parkinson’s disease using gait patterns * Program and compare feature selection methods using Python to create more accurate models * Use similarity network models to create an objective measurement to differentiate medical students and residents * Analyze machine learning accuracies and box plots to help validate the results * Create Biomechanics HMV conference poster that contains projects I have been working on * Present findings using PowerPoint to project leads and colleges * Prepare manuscripts detailing projects to be submitted to conferences for publication * Modify Genetic Algorithms by implementing domain specific mutation function * Mentored high school interns during summer internship  March 2011 – February 2019General merchandise clerk, stony brook hy-vee Omaha Nebraska  * Modified basic inventory systems by adjusting counts and printing sale signs to keep counts and prices accurate * Trained co-workers how to use inventory system (RPM) * Communicated with customers daily by greeting and helping them find product to enhance the customer’s experience * Operated cash registers by taking payments, issuing receipts, and counting change |

# Education

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| university of nebraska AT omaha May 2020Bachelor OF SCIENCE in Computer science GPA 3.4Metropolitan Community college May 2017Associate in Science Computer technology transfer – computer science GPA 3.7 |

# Awards

* Outstanding Undergraduate Oral Presentation at the 2019 Student Research and Creative Activity Fair at the University of Nebraska at Omaha