Python Developer Python Developer Python Developer Whitehall Township, PA Work Experience
Python Developer What's for Dinner Data Tuning and Prediction - Harrisburg, PA October 2018 to
December 2018   Tuned Support Vector Machine and used cross-validation to choose the best
preprocessing steps / parameters   Tuned Na ve Bayes Classifier (NB) and used Laplace correction
to add on to the NB tuning process   Achieved accuracy of 87.38% w/ Na ve Bayes Model and
91.28% accuracy w/ Support Vector Machine Model   LEADERSHIP Compiler Developer
Semantics Validation - Harrisburg, PA October 2017 to December 2017   Implemented Chained
Symbol Tables to check the scope of every variable for the Semantics process   Used JFlex for
tokenizing input from the source program and BYacc/J for generating bottom-up parsing   Used
JFlex, BYacc/J, and Java to build the entire Semantics Validation section piece of the compiler
Software Engineering Team Lead Domain Modeling - Harrisburg, PA September 2017 to October
2017   Helped team members create domain models and gave a detailed example based off a
company's requirements   Reviewed over the quality of work with the team, then gave a review
solely based on performance and attitude Software Engineering, Front-End Intern FedEx -
Pittsburgh, PA June 2016 to August 2016 Helped develop application that aided more than 53,000
warehouse workers. The app would load data over the server, then workers would fill in unknown
sections on a tablet at a faster rate; resulting in increased productivity throughout all facilities in the
United States o Traditional pencil and paper method involved manual entries, forcing workers to
walk to the office every time additional data was needed in the yard; causing inefficient use of
company time and wasted productivity   Designed and implemented mobile yard check "Asset
Details" / "Quick View" screen via Cordova framework   Developed an understanding of test
automation with HP's UFT (Unified Functional Testing) and Lean FT tools   Utilized HTML, CSS,
and the bootstrap framework to simplify and ensure both pages scaled to resolution size Taekwondo
Instructor Kim's Black Belt Academy - Allentown, PA June 2014 to June 2016   Developed and
implemented promotional strategy resulting in a 20% increase in attendance at the tournaments
Created class curriculum, exercises and drills to meet the varying needs of around 30 students per
session   Coordinated the overall operations of a local tournament, drawing in competitors from 4

different counties Education Bachelor of Science in Computer Science in Engineering Society Pennsylvania State University 2015 to 2018 Skills HTML (Less than 1 year), BOOTSTRAP (Less than 1 year), PYTHON (Less than 1 year), JAVA (Less than 1 year), JFLEX (Less than 1 year) Additional Information SKILLS AND INTERESTS Languages: Java, C++, Python, HTML & CSS, PHP (used very sparingly for a project), BACI, Bootstrap, JQuery, Animation Modeling in Unity, Adobe Photoshop, Git, GitHub, JFlex, BYacc/J, Spring, Thymeleaf, Gradle, Octave

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