

Lead Python Developer Lead Python Developer Lead Python Developer - Alex Alternative Experts
Dale City, VA Work Experience Lead Python Developer Alex Alternative Experts - Dumfries, VA
June 2017 to Present Developed python backend on a natural language processing web
application for the Marine Corps Created user interface for a tool to build deep learning training
sets Promoted from junior to lead engineer after six months Responsible for tasking other
engineers and providing weekly status updates to client Cooperative Education Student Shaw
Industries - Dalton, GA September 2014 to June 2015 Utilized AutoCAD software to design
numerous fixtures throughout the plant and assisted in their fabrication Assisted in PLC installation
for a plant conveyor system Leveraged JavaScript knowledge to add functionality to Sales and
Quality Assurance forms Developed tools in Python and C# to expedite plant processes including
a web resource used to optimize and automate the lengthy creel changeover process Used
Splunk and Kepware to increase data visibility Undergraduate Research Assistant The University of
Alabama Department of Physics and Astronomy - Tuscaloosa, AL March 2013 to June 2014
Performed radiation screening tests for components for the LZ Dark Matter Experiment
Established a data repository to search and index screened components Gained practical
knowledge of MongoDB, HTML, and Python scripting Education Bachelor of Science in Mechanical
Engineering The University of Alabama - Tuscaloosa, AL May 2017 Skills PYTHON (5 years), HTML
(2 years), MONGODB (2 years), AUTOCAD (1 year), C# (Less than 1 year), Django (1 year),
Javascript (2 years), C++ (2 years), Solidworks (3 years) Links <https://github.com/rjvanvoorhis>
Additional Information Skills and Qualifications Three years of professional Python developing
experience Completed Coursework in C++, C#, and MATLAB Experienced in managing NoSQL
data in Cassandra and MongoDB Familiar with HTML, CSS, and JavaScript as well as the Flask
and Django web-frameworks Developed in both Linux and Windows environments Modeling and
Simulation experience in SolidWorks, AutoCAD, and ANSYS Fluent Currently maintain an active
security clearance

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