

Senior Developer Senior Developer Senior Developer - Imagine Learning Springville, UT Authorized to work in the US for any employer Work Experience Senior Developer Imagine Learning - Provo, UT 2016 to Present Architected rewrite of existing client application in 8 months. Improved product load times from 2 minutes to 20 seconds. Action-Command FSM rather than one off custom code per module. Created and maintained self-directing automation code. Created and maintained 23 activities in less than a year. Mentored team of 10 Mid-Level Python Engineer Verisys - South Jordan, UT 2015 to 2016 Increased ETL system's efficiency by 13,000% (from 700/month to 700/day) Caught and handled over 900 previously unknown ETL errors. Created PoC to search previously unsearched records in two weeks. Built Elastic Cluster and Django system to search, score, and return high probability providers from a pool 70 million large. Upgraded legacy systems from Django 1.4.5 to 1.8+ Redesigned and built core legacy systems to fit this decade. Worked with team to identify and remedy unknown code, slow queries, and future profit-gain PoCs. Technical lead Falling Dust - Provo, UT 2013 to 2015 Lead team of developers and artists to fulfill technical needs of the project. Designed and coded two video games (mobile and web based). Assigned to aid in all areas of the project, from design plans to academic write-up. Took interactive technology segments of the project from inception, through planning, programming, and QA, all the way to launch. Education B.S. degree in Information Technology Brigham Young University - Provo, UT 2008 to 2015 Skills C#, C++, DJANGO, PHP, PYTHON Additional Information Skills and Interests Programming Languages: C++, C, C#, Ruby, Python, PHP, Lua Elasticsearch, Django, Unity3D, Linux, Automation, Good Unit Tests Language: Spanish, conversational writing and oral Teaching and learning through engagement Full time positions only. Mention 'Tool-smith' when recruiting.

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