Eric M. Proulx

Software Developer

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Technical Skills

Programming Languages	Java, Python, SQL, C++
Operating Systems	Unix, Linux
Software Applications	IntelliJ IDEA, Pycharm, GitHub, Maven, Visual Studio 2010
Design and SLDC	Object Orientated Programming, Model View Controller, Django

Experience

Software Developer, Porch, Seattle, WA   2015 - PRESENT

- Created and maintained back end components such as REST API endpoints and database connections using Java and PostgreSQL
- Developed ETL processes for a variety of third party data sources

Software Developer [Contractor], Rover, Seattle, WA   04/2015 - 06/2015

- Built back end sync processes to interact with third party marketing API on bulk upload and download of data using Python and MySQL

Data Analyst, Trulia [formerly Market Leader], Bellevue, WA   2014 - 2015

- Created and managed analytics database for marketing and sales analysis
- Developed algorithm for the merging of multiple customer dataset entries
- Developed sync jobs between various Marketing API tools using Python

QA Engineer, Market Leader, Bellevue, WA   2011 - 2014

- Code investigation and debugging through C#, HTML and Javascript
- Bug documentation and reproduction
- Production server updates and fixes

Personal Project

Marketing Automation and Reporting Tool   2014 – PRESENT

The goal of this project is to create a data analysis tool which would capture the complete lifecycle of a generated lead through the various stages a company interacts with it. Beginning with a lead generation platform such as Google AdWords, groomed

through a marketing platform such as Marketo, and finally converted through Salesforce, the program would interact with the various APIs and provide a user-friendly interface to collect and analyze the data. The primarily resources used are Python, Django, Amazon Web Services, and PostgreSQL.

Education

University of Washington - Bothell, WA   2012-2013

Graduate Certification Software Design and Development

- Data Structures and Algorithms
- Systems Programming
- Software Engineering Lifecycle and Modeling
- Software Testing

University of Washington – Seattle, WA

Bachelor of Arts: International Studies

2006-2010

- Interdisciplinary study of international relations
- Political, societal, economical and cultural analysis of globalization