Abraham de Jesús ESCALANTE AVALOS

Nationality: Mexican

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# Software Engineer

Software engineer with experience in development, testing and project management. I have a strong desire to meet new challenges and embark in both professional and personal journeys that have a real impact on the world and myself.

Work Experience

**Jun 2011 - Nov 2013**

**Hewlett-Packard**

**Guadalajara, Mex.Software Developer**

**Leader:** Development, deployment and maintenance of custom stages for the processing and indexing of data into the FAST Search engine for HP internal use. Technologies used: Python, Linux.

**Leader:** Development of File Traverser Plugin for FAST Search document indexing as an alternative to web crawling to enable documents saved in local machines to be indexed without being published online. Technologies used: Python, Linux.

**Team member:** Formed a part of the team in charge of migrating the look and feel of the HP.com sales websites to Cleansheet (an HP standard). Technologies used: XML, CSS, HTML, Linux.

**Quality Assurance Engineer**

**Team member:** Testing automation for the regression tests of HP's intranet search frontend, resulting in a reduction from 1 week of manual tests into a few hours with automated tests. Technologies used: Quality Test Pro, VBScript, Jmeter.

**Integration consultancy**

**Leader:** Rebuilding, administration, redeployment, maintenance and ultimately migration of the SharePoint Connector 2007 to SharePoint Connector 2010. Technologies used: SharePoint Connector, Windows server, Linux.

Formation

**2005 - 2010**

**BS Computer Science,** Intelligent systems and videogames specialization. Instituto Tecnológico y de Estudios Superiores de Monterrey, Campus Guadalajara.

**2003 - 2005**

**High School.** Universidad de Guadalajara: Escuela Preparatoria Regional de Ameca. Ameca, Jalisco, México.

Technical Skills

**Programming languages**

Python (3 years), Java (2 years), Perl (6 months), PHP (6 months), VBScript (6 months)

**Programs and Applications**

Eclipse, Netbeans, XCode, QTP.

**Operating Systems**

Windows, Linux (Gentoo, Ubuntu, openSUSE), Mac OSX.

**Other**

FAST SharePoint, FAST SharePoint Connector, Network administration.

Languages

**Spanish:** Native

**English:** Fluent (TOEFL 2010: 657/670)

**French:** Beginner

Others

**Text recognition**

Design and development of a text recognition application using a combination of kohonen maps and backpropagation neural networks concepts. Technologies used: Java.

**Networking administration**

Design, deployment, configuration and administration of several networks. Technologies used: Linux, DHCP, Access Lists, EIGRP, OSPF, RIPv2, NAT, PAT.