

Pedro Ivan Lopez

<http://pedroivanlopez.com> || m@pedroivanlopez.com || <https://github.com/lopezpdvn>

Objective	Software Development Engineer interested in web and large scale systems
Experience	<p>Infosys Ltd, Monterrey, Nuevo Leon, Mexico</p> <p>Systems Engineer, January 2013 to February 2015. Contractor for an American multinational banking and financial services corporation. Development, administration and support team for a global trade finance application used mainly in North America and Asia</p> <ul style="list-style-type: none">• Coded and helped testing new agents/batch-jobs or new features of existing jobs in Java, C#, JavaScript and Windows Batch• Designed and implemented a Windows Script Host script in JavaScript to retrieve and prepare scanned images and metadata from the scanner's operators workstations to our server drives, for further processing• Fixed approximately 350 incidents, including code bugs, development of new features, customers with invalid data in production and production outages• On-call main contact person for approximately 20 weeks• Led approximately 30 Request For Change procedures, mainly to install code updates as well as to perform data updates via SQL scripts• Supported production and test environments for clients and other teams in the bank• Knowledge management via documentation of known issues and fixes, to coach offshore resources <p>Center for the Development of the Software Industry, Monterrey, Nuevo Leon Mexico.</p> <p>Software Engineer, October 2012 to January 2013</p> <ul style="list-style-type: none">• Performed testing and quality assurance of an enterprise financial web platform for a Mexican bank, implemented in Java Enterprise Edition and JavaScript <p>School of Physical and Mathematical Sciences at UANL, Monterrey, Nuevo Leon, Mexico</p> <p>Research Assistant (internship), August 2011 to February 2012</p> <ul style="list-style-type: none">• Developed and maintained robust control systems software in MATLAB and Simulink• Co-authored 1 paper: Basin, M.; Serna, M.; Lopez-Hernandez, P.I., "Central energy-to-peak filter design for uncertain linear systems", Control Conference (ASCC), June 2013 <p>School of Mechanical and Electrical Engineering at UANL, Monterrey, Nuevo Leon, Mexico</p> <p>Laboratory Assistant (internship), February 2012 to August 2012</p> <ul style="list-style-type: none">• Python, MATLAB and LabVIEW support to university students• Computer and electronic technical support to teachers and students
Computer Skills	<p>Languages: C#, Java, Python 2 & 3, JavaScript, HTML, CSS, Bash/UNIX Shell Scripting, VB.NET, MATLAB, LabVIEW</p> <p>Data/Databases: Microsoft SQL Server, Oracle, MySQL, SQLite, YAML, XML, JSON</p> <p>Applications: Microsoft Visual Studio, Git, ClearCase, Toad, Eclipse, Cygwin, GNU Make, Ant, IPython, OpenSSH</p> <p>Technologies: ASP.NET 4 & 5, ASP.NET MVC 5, Docker, ASP.NET Web Forms, Spring, Hibernate, Java EE, Sphinx documentation tools, Jekyll</p> <p>Operating Systems: UNIX (Fedora, Ubuntu, Red Hat Enterprise Linux, Android), Microsoft Windows (Server 2003, XP, Vista, 7, 8)</p> <p>Other: Linux user for 7 years, proficient at UNIX command line, technical documentation writing</p>
Education	<ul style="list-style-type: none">• Master's Candidate in Information Engineering, 2015, Universidad Autonoma de Nuevo Leon. Overall Grade 94.5/100.0• Bachelor in Mechatronics Engineering, 2012, Universidad Autonoma de Nuevo Leon, graduated with honors, Overall Grade 95.9/100.0
Other projects	<ul style="list-style-type: none">• ASPNET5CO: Advocacy and Community. Efforts to advocate the ASP.NET 5 framework and drive its adoption, http://pedroivanlopez.com/aspnet5co• mazerob: Bluetooth-remote-control robot implemented with JVMs on a PC and a Lego NXT Brick, http://pedroivanlopez.com/mazerob <p>Other open source projects at http://pedroivanlopez.com/projects</p>