Jose Picado

2048 Kelley Engineering Center | Corvallis, OR 97331 | jpicado@gmail.com | 336.655.0443

EDUCATION

Ph.D.	**Oregon State University**	**Expected June 2018**

Doctor of Philosophy in Computer Science — GPA: 3.84/4.0
Major areas: Machine Learning and Data Mining

M.S.	**Wake Forest University**	**May 2013**

Master of Science in Computer Science — GPA: 4.0/4.0
Thesis: "Efficient Information Extraction Using Statistical Relational Learning"

B.S.	**Costa Rica Institute of Technology**	**February 2011**

Bachelor of Science in Computer Science — GPA: 89.93/100

PROFESSIONAL AND RESEARCH EXPERIENCE

Ph.D. Candidate	**Oregon State University**	**September 2013 - Present**

- Experimented with multiple relational machine learning systems to analyze their representation (in)dependence property.
- Developed Castor, a scalable and representation independent relational learning system.
- Teaching assistant for the Data Structures, Web Development, and Database Management Systems courses.

Graduate Technical Intern	**Intel Corporation**	**June 2015 - September 2015**

- Developed a desktop application for performing handwriting recognition and synthesis using WPF and Direct Ink.
- Developed libraries to perform gesture recognition on touchscreen devices.

Graduate Technical Intern	**Intel Corporation**	**June 2014 - September 2014**

- Developed gesture modules to improve user experience on touchscreen devices. Filed patent Multi-Touch Virtual Mouse.
- Experimented with machine learning models for prototyping algorithms using Ultrabook's sensor fusion.

Research Assistant	**Wake Forest University**	**September 2011 - May 2013**

- Developed an information extraction system supported by domain knowledge.
- Developed a system to verify adverse drugs events based on text patterns and similarities with literature found on the web.

Software Engineer	**Avantica Technologies**	**July 2010 - May 2011**

- Developed plugins in Perl and Java for Electric Commander, an integrated building tool developed by Electric Cloud.
- Performed analysis, design, development, testing, and deployment of plugins for the following tools: VMware Lab Manager, VMware ESX, Microsoft Hyper-V, Amazon EC2, Oracle VM VirtualBox, NAnt, and Sonar.

TECHNICAL SKILLS

- Advanced: Java, C, C# .NET, HTML, XML, SQL.
- Intermediate: Python, PHP, JavaScript, Objective-C, Hadoop, Weka.

RESEARCH PAPERS

- **J. Picado**, A. Termehchy, A. Fern, P. Ataei. Schema Independent Relational Learning, *SIGMOD*, 2017.
- **J. Picado**, P. Ataei, A. Termehchy, A. Fern. Schema Independent and Scalable Relational Learning by Castor, *PVLDB*, 2016.
- S. Natarajan, V. Bangera, T. Khot, **J. Picado**, A. Wazalwar, V. Santos Costa, D. Page, M. Caldwell. Markov Logic Networks for Adverse Drug Event Extraction from Text, *KAIS*, 2016.
- S. Natarajan, **J. Picado**, T. Khot, K. Kersting, C. Re, J. Shavlik. Effectively Creating Weakly Labeled Training Examples Via Approximate Domain Knowledge. *ILP*, 2014.

SERVICES

- External reviewer: *PVLDB* 2014, *PVLDB* 2015, *SIGMOD* 2016.

PATENTS

- Multi-Touch Virtual Mouse, Publication No.: WO2016105329 A1.

AWARDS

- First Place in Microsoft Coding Challenge, Oregon State University, 2014-2015.
- Rickert Scholarship, Oregon State University, 2013.
- Upsilon Pi Epsilon, Wake Forest University, 2012.
- Academic Honors Scholarship, Costa Rica Institute of Technology, 2008-2010.