Jose Picado

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EDUCATION

Ph.D. **Oregon State University** **Expected June 2017**
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

Doctoral Researcher **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, PCT Application No.: PCT/US14/71797.
- Experimented with machine learning models for prototyping algorithms using Ultrabook's sensor fusion.

Research and Teaching 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.
- Teaching assistant for the Introduction to Computer Science undergraduate course.

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**, P. Ataei, A. Termehchy, A. Fern. Schema Independent and Scalable Relational Learning by Castor, *PVLDB*, 2016.
- **J. Picado**, A. Termehchy, A. Fern. Schema Independent Relational Learning, *Workshop on Machine Learning Systems at NIPS*, 2015.
- S. Natarajan, **J. Picado**, T. Khot, K. Kersting, C. Re, J. Shavlik. Effectively Creating Weakly Labeled Training Examples Via Approximate Domain Knowledge. *International Conference on Inductive Logic Programming*, 2014.

SERVICES

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

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.