Jose Picado

jpicado@gmail.com | 336.655.0443 | josepicado.com

EDUCATION

Ph.D. **Oregon State University** **Expected June 2019**
Doctor of Philosophy in Computer Science GPA: 3.85/4.0
Major areas: Database Management and Machine Learning

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**
- Performed research on relational learning, machine learning and database management.
- Developed Castor, a scalable and representation independent relational learning system.
- Teaching assistant for the Data Structures, Web Development, and Database Management Systems courses.

Research Intern **Microsoft, Gray Systems Lab, Data Group** **June 2017 - September 2017**
- Performed a survival study of cloud databases in the Microsoft Azure SQL Database service.
- Developed a machine learning classifier that predicts the lifespan of databases based on telemetry data.

Graduate Technical Intern **Intel Corporation, Client R&D, Client Computing Group** **June 2015 - September 2015**
- Developed a desktop application for performing handwriting recognition and synthesis using WPF and Direct Ink.

Graduate Technical Intern **Intel Corporation, Client Solutions and Technology, PC Client Group** **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.

HACKING SKILLS

- Java, Python, C, C# .NET, JavaScript, HTML, SQL.

SELECTED PUBLICATIONS

- **J. Picado**, W. Lang, E. C. Thayer. Survivability of Cloud Databases – Factors and Prediction, *SIGMOD*, 2018.
- **J. Picado**, S. Pathak, A. Termehchy, A. Fern. AutoMode: Relational Learning with Less Black Magic, *ICDE,* 2018.
- **J. Picado**, A. Termehchy, A. Fern, P. Ataei. Schema Independent Relational Learning, *SIGMOD*, 2017.
- 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.

PATENTS

- Multi-Touch Virtual Mouse, Publication No.: WO2016105329 A1, Publication Date: 06/30/2016.

SERVICES

- External reviewer: PVLDB 2014, PVLDB 2015, SIGMOD 2016, SIGMOD 2017, EDBT 2018, SIGMOD 2018.

AWARDS

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