

# Jose Picado

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## EDUCATION

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| <b>Ph.D.</b><br>Doctor of Philosophy in Computer Science<br>Major areas: Database Management and Machine Learning                        | <b>Oregon State University</b>            | <b>Expected June 2019</b><br>GPA: 3.85/4.0 |
| <b>M.S.</b><br>Master of Science in Computer Science<br>Thesis: "Efficient Information Extraction Using Statistical Relational Learning" | <b>Wake Forest University</b>             | <b>May 2013</b><br>GPA: 4.0/4.0            |
| <b>B.S.</b><br>Bachelor of Science in Computer Science   | <b>Costa Rica Institute of Technology</b> | <b>February 2011</b><br>GPA: 89.93/100     |

## PROFESSIONAL AND RESEARCH EXPERIENCE

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| <b>Ph.D. Candidate</b><br>• Performed research on relational learning, machine learning and database management.<br>• Developed Castor, a scalable and representation independent relational learning system.<br>• Teaching assistant for the Data Structures, Web Development, and Database Management Systems courses. | <b>Oregon State University</b>   | <b>September 2013 - Present</b>   |
| <b>Research Intern</b><br>• Performed a survival study of cloud databases in the Microsoft Azure SQL Database service.<br>• Developed a machine learning classifier that predicts the lifespan of databases based on telemetry data.   | <b>Microsoft, Gray Systems Lab, Data Group</b>                             | <b>June 2017 - September 2017</b> |
| <b>Graduate Technical Intern</b><br>• Developed a desktop application for performing handwriting recognition and synthesis using WPF and Direct Ink.   | <b>Intel Corporation, Client R&amp;D, Client Computing Group</b>           | <b>June 2015 - September 2015</b> |
| <b>Graduate Technical Intern</b><br>• Developed gesture modules to improve user experience on touchscreen devices. Filed patent Multi-Touch Virtual Mouse.   | <b>Intel Corporation, Client Solutions and Technology, PC Client Group</b> | <b>June 2014 - September 2014</b> |
| <b>Research Assistant</b><br>• Developed an information extraction system supported by domain knowledge.<br>• Developed a system to verify adverse drugs events based on text patterns and similarities with literature found on the web.  | <b>Wake Forest University</b>  | <b>September 2011 - May 2013</b>  |
| <b>Software Engineer</b><br>• Developed plugins in Perl and Java for ElectricCommander, a continuous integration tool developed by Electric Cloud.   | <b>Avantica Technologies</b>   | <b>July 2010 - May 2011</b>       |

## 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**, A. Termehchy, S. Pathak. Learning Efficiently Over Heterogeneous Databases, *PVLDB*, 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.