

# Francisco de Jesus Coral Sabido

Parasol Lab  
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## EDUCATION

- Texas A&M University**, College Station, Texas. January 2015-  
**PhD in Computer Science.**  
Overall GPA: 3.62/4.0  
*66% of education financed through scholarships.*
- English Language Institute, Texas A&M University**, College Station, Texas. June 2014 – August 2014  
*Intensive English Language Course*  
*100% of education financed through scholarship.*
- Autonomous University of Yucatan**, Merida, Mexico. August 2010 - January 2013  
**Master of Science in Computer Science.**  
Overall GPA: 3.9/4.0
- Autonomous University of Yucatan**, Merida, Mexico. August 2005 - July 2009  
**Bachelor of Science in Mathematics.**  
Overall GPA: 3.9/4.0

## HONORS & AWARDS

- CONACYT(National Council of Science and Technology)** 2014  
• Full Tuition and Expenses Scholarship to study abroad.
- TEXAS A&M - CANIETI - CONACYT** 2014  
• “The Engineering And English Intensive Internship Program of CANIETI” - Grant.
- Autonomous University of Yucatan.**  
• The best grades of the Master’s program with an average of 94.75/100. 2012

## PEER-REVIEWED PUBLICATIONS

- Adam Fidel, **Francisco Coral Sabido**, Colton Riedel, Nancy M. Amato and Lawrence Rauchwerger. *Fast Approximate Distance Queries in Unweighted Graphs Using Bounded Asynchrony*, Proceedings of the 29th International Workshop of Languages and Compilers for Parallel Computing (LCPC’16). Rochester, NY, United States of America, pp. 40 - 54, September 2016, ISBN 978-3-319-52708-6.
- **Francisco de Jesús Coral Sabido**, Victor Uc Cetina, Carlos Brito Loeza. Seguimiento de Rutas Utilizando Aprendizaje por Refuerzo en Espacios de Estado y Acción Continuos (Tracing of routes using reinforcement learning in continuous spaces of states and actions), Memorias del Congreso Nacional de Ingeniería Eléctrica y Electrónica, April 2012. ISSN 1665-0271.
- Diego Campos Sobrino, **Francisco Coral Sabido**, Martha Varguez Moo, Victor Uc Cetina, Arturo Espinosa Romero. *Mobile Robot Self-Localization based on Omnidirectional Vision and Gaussian Models*, Proceedings of the Tenth International Conference on Machine Learning and Applications (ICMLA’11). Honolulu, Hawaii, United States of America, pp. 53 - 58, December 2011, ISBN 978-1-4577-2134-2.

## **EXPERIENCE**

**Computer Science Department, Texas A&M University, College Station, Texas.**

*Research Assistant in Parasol Lab.*

*January 2015 –*

Advisors ***Dr. Lawrence Rauchwerger and Dr. Nancy Amato.***

**Aerospace Engineering Department, Texas A&M University, College Station, Texas.**

*Summer Research internship.*

*Summer 2014*

Advisor **Dr. Sharath Girimaji**

- Design and construct an autonomous flying ballon.

**Faculty of Mathematics, Autonomous University of Yucatan, Merida, Yucatan, Mexico.**

*Lecturer of Calculus at undergraduate level.*

*January 2012 – May 2012*