

Ricardo Delfin Garcia



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Education

The University of Texas at Austin

Bachelor of Science in Computer Science — 2014-2018

GPA: 4.00

Freshman Research Initiative (FRI)

- Autonomous Intelligent Robotics research stream

Experience

Software Development Intern, KPMG Cardenas Dosal, S.C.

Mexico City, Mexico — July 2013 and July 2014

- Developed file cleanup utility used as a fix for their eAudIT program in Visual C#
- Implemented a directory analysis program to aid in cleaning disk space in Visual C#
- Upgraded script utilities for CaseWare IDEA from version 8 to version 9 using Visual C#, VBScript and COM Interop, which are used on a regular basis by the auditing team
- Contributed in the translation, revision and update of a variety of documents and presentations for the Japanese Practice

Projects

- 2 Dimensional Gravity Simulator With Visual Interface, with C++ and Allegro Graphics Library
- Newton Fractal Generator in C++ and Allegro Graphics Library
- Android application for indexing books. Uses barcode and online database to find information about any book and store it
- Programmed a robot and taught programming to new students for three years at FIRST Robotics Competition team #3933
- Used an accelerometer, Raspberry Pi, MATLAB and Machine Learning to identify 15 people from each other by gait (~95% accuracy)

Skills

- 8 years programming experience
- Fluent in C++, C#, Java and PHP
- Exposure to SQL, Android Development, HTML, CSS and Javascript, JQuery, Objective-C for iOS and Machine Learning in MATLAB
- Robotics development through FIRST Robotics Competition (team 3933)
- Fluent in Spanish and English. Some French