

# Ricardo Delfin Garcia

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<http://github.com/rickyman20>



## Education

### The University of Texas at Austin

Bachelor of Science in Computer Science — May 2018 (expected)

GPA: 4.00 / 4.00

Freshman Research Initiative (FRI)

- Autonomous Intelligent Robotics research stream

**HackTX** - UT Austin Hackathon

- Math Mogul: Won IBM-Sponsored Award

Fluent in Spanish and English. Conversational in French

## Technical Skills

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

## 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 (Auditing software) from version 8 to version 9 using Visual C#, VBScript and COM Interop
- Translated, revised and updated 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
- Programming captain for three years at **FIRST Robotics Competition** team #3933
  - Involved programming the robot, managing the team and teaching incoming students both the programming language and the libraries
  - LabVIEW, Java and C++ available. Used Java
- Used an accelerometer, **Raspberry Pi**, **MATLAB** and **Machine Learning** to identify 15 people from each other by gait (~95% accuracy)
- **Android** and **Pebble** application for recording, storing and viewing laps