

Ricardo Delfin Garcia

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<https://github.com/rdelfin>

The logo consists of the letters 'RD' in a white, bold, sans-serif font, centered within a dark red square.

Education

The University of Texas at Austin – May 2018

Bachelor of Science in Computer Science and Astronomy (3.94 Overall GPA)

Corporate Liaison for the Minority Alliance in Computer Science (MACS)

Fluent in Spanish and English. Conversational in French

Technical Skills

- Fluent in C/C++, C#, Java, Android Development and PHP
- Exposure to Python, SQL, Web Dev, Scala, Node.js, PowerShell, LabVIEW and MATLAB
- Robotics development through FIRST Robotics Competition (team 3933)

Experience

Twitter Inc., Software Engineer Intern

Seattle, WA, United States — May 2016 - Present

- Working on Twitter's blob storage solution, improving performance on accesses to the metadata associated with 12PB of images, videos.

Microsoft Corporation, Program Manager Intern

Redmond, WA, United States — May 2015 - August 2015

- Designed and implemented a dashboard to drive Core Operating System convergence across the different Windows 10 product teams, using Node.js, Visual C#, MySQL and Azure
- Generated on the order of 10,000 actionable work items automatically through build data
- Contributed and collaborated with multiple teams across the Windows and Devices Group to improve dashboard design and input on refactoring efforts

The University of Texas at Austin, Freshman Research Initiative Peer Mentor

Austin, TX, United States — January 2016 - Present

- Provide assistance to students getting started in the research stream.
- Developing a twitter bot that automatically responds to requests for our robots

KPMG México, Software Developer Intern

Mexico City, DF, Mexico — July 2013 and July 2014

- Developed and fixed a series of C# utilities to fix and aid their auditing software efforts

Projects

- 2-Dimensional Gravity Simulator with **C++** and Allegro **Graphics** Library
- Programming captain (three years) in **FIRST Robotics Competition** team #3933
- Used a **Raspberry Pi**, **MATLAB** and **Machine Learning** to identify 15 individuals by gait
- **Android** and **Pebble** application for recording, storing and viewing laps
- Implemented set of **ROS** nodes in **C++** to allow commands to be sent from Twitter to a set of robots in the Building Wide Intelligence Robotics Lab at The University of Texas at Austin.

Volunteering

TEALS K-12 Volunteer Teacher

Austin High School — 2015-Present

FIRST Robotics Competition Volunteer

FIRST México — 2015-Present