Ricardo Delfin Garcia

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https://github.com/rdelfin

RD

Education

The University of Texas at Austin – May 2018
Bachelor of Science in Computer Science (3.77)

Former Corporate Liaison for the Minority Alliance in Computer Science (MACS)
Presentation Officer for the Information & Systems Security Society (ISSS)
Fluent in Spanish and English. Conversational in French. Elementary proficiency in German

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 – August 2016

- Implemented a backpressure policy when accessing remote metadata for Twitter Blobstore
- Tested, debugged and deployed code onto production, handling metadata for 12 PB of data
- Researched and prototyped multiple solutions for Twitter Blobstore local metadata

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, Undergraduate Teaching Assistant
Austin, TX, United States — January 2016 - Present

- Grade assignments, teach classes and provide help to freshman students (CS 309)
- Working on reinforcement learning and human-robot interaction project in ROS, C++, and Python

Projects

- Developing software to identify locations based on user-provided answers on segway robots
- 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 running 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