

# Ricardo Delfin Garcia

T: (512) 903 - 6525

E: ricardo.delfin.garcia@gmail.com

<https://github.com/rdelfin>, <http://rdelfin.com/>

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## Education

### **The University of Texas at Austin – December 2017** Bachelor of Science in Computer Science (3.7 GPA)

Former Corporate Liaison for the Minority Alliance in Computer Science (MACS)  
Vice President 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 and control system experience through FIRST Robotics Competition (team 3933)

## Experience

### **Google, Travel Conversations Team, Associate Product Manager Intern** Zürich, Switzerland — May 2017 - August 2017

- Analyzed user queries on The Assistant, as well as customer surveys to decide on the best course of action for our product and the proposals.
- Worked with multiple teams to get destination descriptions, obtain better signals for different types of destinations, and create more exploration modes for users.
- Prototyped a flow using API.AI and Java on The Assistant and wrote libraries to facilitate user studies.

### **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 OS convergence across Windows 10 product teams
- 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 - December 2017

- 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 robots

## Volunteering

### **FIRST Robotics Competition Volunteer** FIRST — 2015-Present

- Robot inspector and referee for Mexico City, Waco Regional and Houston Championship 2017

### **TEALS K-12 Volunteer Teacher** Austin High School — 2015-2017

