



# Roldán Santiago Moreno

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rolsanmordua.com

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## Education University of Texas at Austin

[May 2021]

Bachelor of Science and Arts in Computer Science w/ Business minor and Data Science certificate

Coursework: Data Structures, Comp. Arch., UX Design, Modern Web Applications, Data Mining, Neural Nets

## Skills Programming Languages

Most comfortable in **Java**. Experience with **C++**, **Swift**, **Python**, & **R**. Exposure to Objective-C, Kotlin.

## Mobile Development

**Android Studio**, **Java**, & **Kotlin**. Experience with Material UI and Jetpack. **Xcode**, **Swift**, & **Objective-C**.

## Experience Microsoft SWE Intern on Outlook Mobile, Android (Redmond, WA) [Remote] [May 2020 - August 2020]

- Augmented client notification capabilities
- Integrated mail service APIs on client for new actions
- Added entry point in client UI for user customization
- Added internal debug utility functionality for testing
- Worked with Jetpack, Dagger, Apache Thrift, & Bolts
- Shipped August 2020

## Undergraduate Teaching Assistant @UT Austin, Dept. of Computer Science [January 2020 - May 2020]

- Lead weekly discussion, administer quizzes for CS 312
- Grade students' weekly programming assignments and provide feedback on correctness and style. Wrote script to automate basic code hygiene checks.
- Planned interactive Scanner activity and gave lecture
- Hold office hours to review Java concepts and course material in-depth, perform code review, and code-trace/debug assignments with students one-on-one.

## Microsoft Explore Intern on Outlook Mobile, iOS (Redmond, WA) [May 2019 - August 2019]

- Analyzed telemetry & created visualizations
- Prepared feature kick-off & competitive analysis
- Designed mockups & conducted user testing for 10
- Worked on account reordering functionality in client
- Added read & write to persistent storage in service
- Added interactive elements to UI to handle reordering

## Webmaster @Navigation Medical Center (Houston, TX) [July 2017 - August 2018]

- Rewrote website to be responsive and mobile-friendly
- 6mo analytics showed 2x visits w/ longer user sessions
- Utilized **HTML**, **CSS**, **JS**, & Google Analytics
- See [navigationmedical.com](http://navigationmedical.com)

## Projects Access Atlas: Helping Students with Disabilities Find Accommodations @Hacklahoma 2019

- Developed on a team of 4 over the course of a day
- Designed crowdsourced info aggregation interface
- Google Sheets, Maps APIs for DB, geocoding, layers
- Mobile in React Native, desktop in **HTML**, **JS**

## Travelingua: Traveling Abroad Reimagined @HackUTD '18

- Worked on native Android app in **Java** on team of 4
- Designed app UI & wrote contextually aware search
- Cloud Vision API to tag features & power translation
- Text-to-speech based on localization while abroad

## BlinkLink: Seamless, Automated Bluetooth Audio Host Exchange @TAMUHack 2018

- Worked on team of 4 to rethink BT audio experience
- Wrote macOS daemon w/ **Python** & AppleScript
- Libraries for BT & macOS CoreAudio framework
- MySQL DB & Java servlet to talk between devices
- Reduced manual BT host device switch time from 30+ sec to <6 sec with automated BlinkLink daemon

## Leadership Co-President of the Association for Computing Machinery (ACM) @UT [April 2019 - April 2020]

Worked with officer team of 19 to revamp Academic offerings and Marketing to grow membership.

## Senior VP of Web for the Association for Computing Machinery (ACM) @UT [October 2017 - May 2019]

Redesigned site to be mobile-friendly, implemented Google Sheets-backed DB solution to simplify content mgmt. for officer team. 200+ commits. Planned & co-led workshop on **HTML/CSS** & web hosting basics for 40.

## Organized UT Austin wireless internet data cap policy revision [November 2017 - August 2018]

Collected 700+ signatures to drop WiFi data cap, corresponded w/ ITS to secure removal of cap & student fees.

## Co-Founder, Web & Design Lead for 'the Waitlisters' hackathon group [October 2017 - present]

Co-founded *the Waitlisters* team that competes in hackathons, programming competitions, & CTFs.

Maintain team site & lead project UI, graphic design efforts. 20+ awards since October 2017. See: [waitlisters.org](http://waitlisters.org)

## Community Information & Systems Security Society (ISSS), Hispanic Association of Computer Scientists (HACS)

### Awards & Recognitions Best UI/UX Award Winner @TAMUHack 2020

[January 2020]

"Line By Line" helps students with dyslexia overcome reading challenges. 750+ participants, 140+ teams

### 3rd Place Overall, JP Morgan 'Best Hack for Social Good' Winner @Hacklahoma 2019 [February 2019]

"Access Atlas" bridges gaps for students with disabilities. Earned 3rd place amongst 50+ submissions

### 1st Place @SXSW Hackathon 2018 [March 2018]

1st place in Capitol Music Group's challenge, 1st place in Consensus's challenge amongst 60 international devs.

### Finalist @TAMUHack 2018 [January 2018]

Revolutionary 'BlinkLink' project was recognized as top 7 projects amongst 550 participants, 100+ teams