



# Roldán Santiago Moreno



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## Education **University of Texas at Austin**

[May 2021]

Bachelor of Science in Computer Science w/ Data Science certificate, Business minor

Coursework: Data Structures, Computer Architecture, Calculus I-III, Probability & Statistics, Linear Algebra, UX Design, Digital Design, Scientific Programming, Foundations of Mgmt.

## Skills **Programming Languages**

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

## Web Design

**HTML, CSS, & JS**. Exposure to jQuery & React JS. Responsive web design, Google Sheets DB w/ Dynamic Rsrcs.

## Experience **Microsoft Explore Intern** on Outlook Mobile Team (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 in iOS
- 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
- 6m analytics showed 2x visits with 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 '19

- Developed in 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

- Wrote native Android app in **Java** in 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 Bluetooth Host Exchange

- Worked in team of 4 to redesign BT audio experience
- Wrote macOS daemon w/ **Python** & AppleScript
- Libraries for BT & macOS CoreAudio infrastructure
- MySQL DB & Java servlet to talk between devices
- Reduced manual BT device source switch time from 30+ sec to 6 sec or less with automated BlinkLink

## Leadership **President of the Association for Computing Machinery (ACM)** @UT

[April 2019 - present]

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

## Senior VP of Web for the Association for Computing Machinery (ACM)

Redesigned site to be mobile-friendly, designed solution to reduce student sign-in time for ACM events from ≈ 1m to < 5s. 150+ commits 1st year. 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 over 700 signatures on change.org asking UT Information Technology Services (ITS) to revise restrictive wireless internet data cap for students. Corresponded with ITS to secure removal of data plan 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. 15+ awards since October 2017. See: [waitlisters.org](http://waitlisters.org)

## WAIS "International Investigations Week" Senior Sponsor

[September 2016 - January 2017]

Organized a crowd-funded campaign & raised over \$1300 to purchase Raspberry Pi computers to introduce 20 middle-school-aged students to the fundamentals of programming in Python & computer hardware.

## Community & Activities **Member of the Information & Systems Security Society (ISSS)**

**Member of the Hispanic Association of Computer Scientists (HACS)**

## Awards & Recognitions **3rd Place @Hacklahoma 2019, JP Morgan 'Best Hack for Social Good' Winner**

[February 2019]

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

## **2nd Place @Google Games Austin 2018**

[April 2018]

Google-hosted event with challenges to push brains, problem-solving, & creativity to the limit

## **1st Place @SXSW Hackathon 2018**

[March 2018]

1st place in Capitol Music Group's challenge & 1st place in Consensus's challenge amongst 60 int'l devs.

## **Finalist @TAMUHack 2018**

[January 2018]

Revolutionary 'BlinkLink' project was recognized as one of the top projects amongst 107 teams & 550 participants