



# Roldán Santiago Moreno



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

[May 2021]

Bachelor of Science in Computer Science

Coursework: Data Structs, Computer Arch (current), UX Design (current), Calculus I-III, Probability & Stats (current)

## Skills **Programming Languages**

Most comfortable in **Java & Python**.

## **Web Design**

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

## **UI & Graphic Design**

Adobe Ai, Ps, Lr, & Id for UI mockups, graphic design, photography, & print publishing projects, respectively.

## Experience **Webmaster @Navigation Medical Center** (Houston, TX)

[July 2017 - Present]

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

## Projects **PlayFuse: Music Consolidation Made Easy** @Hacklahoma '18

- Developed in a team of 3 over the course of a day
- Spotify & (unofficial) Google Music APIs
- Designed web interface for music & playlist selection
- Back-end in **Python** w/ AJAX & Flask as middlemen

## **Travelingua: Traveling Abroad Reimagined** @HackUTD '18

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

## **BlinkLink: Seamless Bluetooth Host Exchange** @TAMUHack '18

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

## Leadership **Senior VP of Web for the Association for Computing Machinery (ACM)** @UT

[October 2017 - present]

Redesigned site to be **mobile-friendly**, designed solution to reduce student sign-in time for ACM events from  $\approx 1\text{m}$  to  $< 5\text{s}$ . 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 nearly 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. 8 awards in Spring 2018. 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 **Member of the Information & Systems Security Society (ISSS)**

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

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

[April 2018]

**Recognitions** 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.

## **1st Place @Texas Convergent Side Project Expo 2018**

[February 2018]

Showcased 'BlinkLink' at UT CS expo & networked with a panel of industry recruiters & engineers.

## **Finalist @TAMUHack 2018**

[January 2018]

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