

# Noah Solorzano

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## PROJECTS

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### *InBuddy*: Android App

- Mobile app for prison staff to manage inmates. Inmates can be added/removed, along with characteristics: names; a voice recording (in-mic ability); photograph (in-camera ability); app requires authorization (sign up, sign in and sign out) stored with Firebase and SQLite. Implemented with Java in Android Studio. 2-person project.

### Bucket List (Developed in both iOS and Android)

- Mobile app that allows users to create a list of activities they wish to complete before their life ends. Each activity can hold a title and description. Items checked as completed move to the bottom of the list. Written in Java and Swift using Android Studio and SwiftUI, respectively.

### (*Current*) AnnoyingTetris

- Classic Tetris but game purposefully attempts to irritate player and photograph their reaction. Implemented with Java.

### Minor Projects

- Raspberry Pi: Home sprinkler control system; Router; VPN; Retro gaming system;
- (*Current*) Hydroponic system: Pump, filter, hygrometer and lighting management. Physical structure will be constructed from wood.

## EDUCATION

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**Texas Woman's University**  
*Bachelor's Degree in Computer Science*

**December 2021**  
*Denton, TX*

- *Summa cum laude*, 4.0 GPA

## WORK EXPERIENCE

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### Five Years in Customer Service

**2015 – 2020**  
*Dallas, TX*

- Sales, cashier, stocker, packing, sales projections/planning, freight load/unload, office work.

### NASA L'SPACE Academy (Workforce Development Program)

**01/22 – 04/22**

- Pipeline program focused on the project proposal process. Involves: leadership skill development, team work/management, and research experience. Students must organize within their team, appoint positions/duties, schedule and log project progress, connect with subject matter experts for their chosen topic and construct a formal proposal for a chance to win NASA funding. Includes NX certification training.

## SKILLS & INTERESTS

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- **Skills:** Amazon Web Services; Git; SQL; OOP; Python; Perl; Java; Processing (i3); Adobe Suite; Blender; Siemens NX; Arduino; Visual Studio; Eclipse; NetBeans; Linux;
- **Interests:** Nikola Tesla's scientific approach; Reading; My dog; My chickens; My garden; Language; Health; Exercise; MMA;