

711 W 32<sup>nd</sup> St  
Austin, TX 78705

# PIPER WARD

817 366 4059  
piperward@utexas.edu

## EDUCATION

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**The University of Texas at Austin**

**December 2019**

- B.S. in Computer Science.

## SKILLS

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- **Proficient:** Java, Swift, C
- **Exposure:** C++, XML, HTML, SQL, C#, Lisp
- **Environments:** XCode, Android Studio, IntelliJ Idea, Eclipse, CLion, git, gcc compiler, GNU Debugger; Visual Studio, OS (Mac, Linux, Windows)
- **Major Coursework:** Data Structures, Discrete Math, Introduction to Probability and Statistics  
Computer Architecture, Operating Systems, Mobile Computing – iOS
- **Concepts:** Object Oriented Programming, Model-View-Controller Design Pattern

## PROJECTS

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- **Grocery List App - iPhone** (2018 - WIP) Tracks and automatically sorts user inputted grocery items by grocery aisle (Swift)
- **Music Tracker App - Android** (2015). Notifies the user when their “favorite” artists uploaded new music to iTunes. (Java, XML)
- **Competitive Programming:** (2015) Placed 2<sup>nd</sup> place in statewide programming competition (Java)
- **McDonalds Monopoly Tool** (2014) Informs the user which “tiles” are still needed to complete the board – locally stores the tiles that the user already owns (Java)
- **Side-Scrolling Video Game:** (2013) Designed and programmed simple 2D side-scrolling game (Java)

## Employment

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**Software Developer, Intern**

**PDX, Inc.**

**Summer 2014**

- OOP Java development as part of an Agile team
- Implemented 50+ GUI design fixes on a pharmaceutical software used nationwide
- Coordinated with designers to understand needed UI/UX repairs
- Communicated with QA to ensure longevity of the UI across every version
- Collaborated with fellow UI/UX programmers to employ the Model-View-Controller design pattern
- Utilized the Swing GUI toolkit

## Leadership

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- Outreach Director for Mobile App Development Student Organization (MAD)