

# Doron Zehavi

## Contact

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## Online

doronzehavi.com  
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## Languages / Skills

Java, C++, C, SQL, Python,  
Javascript, JSON, HTML/CSS

## Tools

Android Studio, Git, Gradle, JIRA  
Brackets, Adobe Illustrator

## Coursework

Algorithm Design & Analysis  
Software Engineering  
Computer Networks  
Senior Design Project: Android  
Artificial Intelligence  
Database Theory  
Combinatorics  
Discrete Math  
Operating Systems  
Programming Languages  
Theory of Computation  
Advanced Computer Architecture

## Leadership / Volunteering

Participated in planning the  
largest philanthropic event on  
campus which generated over  
\$10,000 for Children's Miracle  
Network Hospitals.

10-month gap-year spent in  
Israel as part of a pre-army,  
leadership program. Community  
service, education, event-plan-  
ning, physical and mental  
training, teamwork, and much  
more.

10-day Leadership Bootcamp in  
NYC as part of BBYO.

## EDUCATION

University of California, Davis  
B.S. Computer Science

3/2015

## PROJECTS

### CastAwake

Android App

Languages: Java, SQLite, JavaScript, JQuery, HTML/CSS

Android: MediaRouter, GSON, Google Play Services, Content Providers, Broadcast Receivers, Services, AsyncTasks, Fragments, Notifications, Pending Intents

An alarm clock that wakes up the user by turning on their TV using Chromecast's HDMI-CEC capability. It then alerts the user with their specified media (such as a podcast or YouTube video).

### Dapper Watch

Android App

Languages: Java, SQLite

Android: Android Wear, Custom Views

Tools: Adobe Illustrator

Developed the companion app and watch face that allows user to customize their watch face utilizing custom components that I designed.

### Spree - Speed Reader

Android App

Languages: Java

Android: First Android app, Admob Ads, Receive Sharing Intents, 3rd-Party Library

Google Play: Free and Paid versions, each with 1000+ downloads. 4+ star user rating

This app allows users to load an .epub book or an article and speed read it at a desired WPM with various settings like pauses between sentences and multiple words.

## WORK EXPERIENCE

### Workday

4/2015 - present

Associate Software Application Engineer

Skills: Agile, Scrum, JIRA, Software Engineering, Unit Testing

Highlights: Mentored New Hires, Lead Development of Major Feature, Champion of Refactoring Effort

Immediately assigned lead developer of major feature for future release, where I delivered at a high standard and earlier than the deadline.

Given responsibility to ramp-up and mentor new Software Application Engineers.

Given responsibility to champion major refactoring effort within my team.

Communicated effectively with both functional and automation QA to ensure timely completion of features within sprint.

Developed with common software engineering principles whenever possible, allowing methods I developed to be reused by others in a generic way.

Wrote unit tests for methods when applicable.

### Other Work Experience

Associate Software Application Engineer Intern - Workday

Research Assistant - UC Davis: College of Engineering

Android Functional QA Intern - JoynMe

Business Development Intern - RockIT Recruiting

## RESEARCH

### University of California, Davis

1/2015-6/2015

Skills: Wifi-Direct Protocol, Rooting, Wire-Shark, tcpdump, RTSP, RTP, Bit-manipulation

Continuing research from Senior Design Project. I was the sole developer of Virtual Front View, which is an Android application that streams camera output from one device to another utilizing the WiFi-Direct protocol. My primary goal was to generate data about the reliability of the protocol by measuring latency and packet loss in relation to physical distance between devices. One of the ways that I accomplished this was by modifying RTP packet headers to include RTC timestamps. This was part of an NSF-supported project titled: User-Centric Sensing and Distributed Control of Corridor Transportation Networks .