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Doron Zehavi

Software Engineer | US Citizen

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Employment

Software Application Engineer II, Adoption — **Workday, Inc.** — **August 2016 - Present**

- Individually developed new Adoption product line in collaboration with the Software Architect and Project Manager.
- Built robust Adoption Planning and Adoption Navigator features which were quickly adopted by customers.
- Built instant conversions which configure customer environments automatically.

Software Application Engineer I, Financials — **Workday, Inc.** — **April 2015 - August 2016**

- Built applications utilizing Workday's proprietary web framework (XpressO) which is Java-based and Object-Oriented.
- Built over half a dozen Executive Scorecard implementations for my team and presented them to directors and VPs.
- Enhanced the Project Budget Engine to show precise calculation details by designing and implementing schema changes, updating processing for each billable transaction type and improving performance.
- Drove the company-wide refactoring effort for the Financials Projects team leading to 100% compliance for the large legacy code base ahead of schedule.
- Worked in a team utilizing Agile Methodologies and Test-Driven Development.

Software Application Engineer Intern, Financials — **Workday, Inc.** — **June 2014 - September 2014**

- Worked in a team to build an application that visualizes project calendars for project managers.
- Worked independently to develop a mobile implementation of the project view for the Workday mobile app. The app was showcased on the Workday website and presented to executive and VP-level stakeholders.

Research Assistant — **University of California, Davis** — **January 2015 - June 2015**

- Individually developed the **Virtual Front View** Android application which streams camera output from one Android device to another utilizing the WIFI-direct protocol and collects data about the reliability of the protocol.
- Reliability was calculated by measuring latency and packet loss in relation to physical distance between devices; data was collected using WireShark and by modifying RTP packet headers.
- Presented my progress and findings in weekly meetings.
- Part of **NSF-supported project**: *User-Centric Sensing and Distributed Control of Corridor Transportation Networks.*

Education

B.S. Computer Science — **University of California, Davis** — **March 2015**

Projects

MyOwnFeed: **Web** and **Android** application displaying a configurable feed of up-to-date news stories stored in a Postgres SQL database, running on an Apache Tomcat server, processed by Spring, displayed using Android and Thymeleaf, styled with Material Design, and deployed onto Heroku.
CastAwake: Android application implementing an alarm clock that when triggered automatically casts a web dashboard to the user's television utilizing Google Cast framework.
Spree - Speed Reader: Implemented a Rapid Serial Visual Presentation technique to allow users to read .txt, .epub and web articles at a configurable WPM with word-chunks and punctuation pauses. Free and Paid versions available on **Google Play Store** with over 5,000 downloads and 4+ star reviews.
Portfolio Website: Built portfolio site in HTML, CSS and some Javascript. Built with Material Design Lite.

Languages and Technologies

- Java (primary); SQL; C++; C; Python; CSS; HTML; Javascript;
- Android; Gradle; Git; IntelliJ; Spring; Postgres; Hibernate; Tomcat; Thymeleaf; Heroku; Material Design;