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Doron Zehavi

Software Engineer | US Citizen

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Employment

Software Application Engineer II, Adoption — workday. — **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. — **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. — **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 which was showcased on the Workday website and presented to executive and VP-level stakeholders.

Research Assistant — UCDAVIS UNIVERSITY OF CALIFORNIA — **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 — UCDAVIS UNIVERSITY OF CALIFORNIA — **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 and displayed using Android and Thymeleaf and deployed onto Heroku. The web version is styled using Material Design Components framework.
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; Apache Tomcat; Thymeleaf; Heroku; Material Design;