

# URIEL LAPIDOT

Senior Android Developer

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## PERSONAL STATEMENT

I Recently returned to Israel after working for several years in Canada.

I am an experienced and versatile developer with a focus on mobile Android development. I have worked on highly functional and interesting software over a broad range of disciplines and industries including Finance, Biotech, Aviation, Security and Commerce and have participated in the development of several Android apps currently on the Google Play store which have been downloaded by millions of users. As part of a team or by myself, I dedicate myself to the task and I am proud to say I never compromise on the quality of my work until I am satisfied it is complete from every aspect.

## TECHNICAL KNOWLEDGE

Languages	IDEs	Frameworks and APIs	Network	Version Control
Kotlin	Android Studio	Android	JSON	Git
Java	Eclipse	Espresso	XML	Mercurial
C#	Visual Studio	Mockito	HTML	Subversion
C++		.NET		
SQL		Firestore		
		Google Analytics		

## PROFESSIONAL EXPERIENCE

**AUTOTRADER.ca** - Burnaby, Canada

2016 to 2020

AutoTrader.ca is Canada's largest auto classifieds site for new and used vehicles.

**Senior Android Developer**

*For the Marketplace mobile App:*

<https://play.google.com/store/apps/details?id=ca.autotrader.userapp>

- Implemented features to enhance users' experience when buying vehicles including business logic, UI, networking and animations in a modular way
- Maintained a strong focus on the correct use of best practices and architectural design patterns and led other team members to do so
- Wrote tests for the code including unit tests (with JUnit), UI tests (with Espresso) and tests with mocked data (using Mockito)

*For the Dealer mobile App:*

<https://play.google.com/store/apps/details?id=ca.autotrader.dealerapp>

- Enhanced, expanded and maintained the codebase for an app which enabled car dealers to manage their inventory. The app allowed adding vehicles, taking and assigning photos, syncing data to and from a cloud service and editing existing vehicles

- Developed my own R&D ideas (one of which turned into an actual product)
- Was the main technical point of contact of my team to others in the company
- Monitored the App's performance, analytics and other data daily
- Handled all of the App's release process to the Google Play Store

**AEQUILIBRIUM - CONTRACT, Vancouver, Canada**

2015 to 2016

Aequilibrium is a technology and innovation solution company.

**Senior Android Developer - Contract**

*For the Central1 Credit Union Android app NFC mobile payment feature:*

<https://play.google.com/store/apps/details?id=com.meridian.android>

- Wrote business logic to enable the app to perform NFC operated mobile payments
- Presented and conducted demos of my work directly to the customer
- Liaised with Interac (which provided the SDK for the NFC payment feature) and helped them improve and solve issues in their SDK

*For a multi-million dollars corporation's Android app:*

- Was part of an architectural review and evaluation of the app
- Wrote a substantial part of the analysis report

**AVIGILON CORPORATION, Vancouver, Canada**

2012 to 2015

Avigilon is a security company that designs and manufactures video surveillance software and equipment.

**Software Developer - Mobile**

*For the Avigilon Control Center Mobile Android App:*

<https://play.google.com/store/apps/details?id=com.avigilon.accmobile>

- Received ownership of the Avigilon Control Center Mobile Android app - a highly functional video app which has many features
- Modernized the app and its UI
- Implemented new features such as Alarms and Saved Views to enhance the app
- Added new functionality to the Gateway Server to support new server features such as sending Push Notifications to iOS and Android devices

**Software Developer - GUI**

*For the Avigilon Control Center with Microsoft Kinect project:*

- Main developer for a tool to control a Video Surveillance system using body gestures and audio commands with the use of Microsoft Kinect
- Implemented nearly all the code and developed the control algorithms
- Wrote the technical description of the patent application and credited as an inventor
- The tool was presented at a press conference and on the news (watch a demo [here](#)).

*For the Avigilon Control Center project:*

- Main developer for the Virtual Matrix Application: A Video Wall tool which presents video data on multiple screens and is controlled dynamically from a control center.
- Wrote several setting pages which allow the user to view and manipulate various types of data and functionalities of the system.

**MDA, Richmond, Canada** 2010 to 2012

MDA is an information services and products company, employing over 3000 people worldwide.

**Software Developer**

*As part of the Research and Development Group, SAT project:*

- Developed new C++ code and introduce new functionality to a Behaviour Simulation Toolbox.

*As part of the Aviation Program, IPDS project:*

- Wrote code for an Enterprise Software with more than 3 million SLOC.
- Owned and maintain the upgrade process of an Enterprise wide set of GUI controls.

**NOVO-CURE, Haifa, Israel** 2006 to 2009

Novo-Cure is a privately held company who develops a unique technology for cancer treatment.

**Software Developer**

- Enhanced the company's research by developing a tool to manage and automate biological experiments.
- Wrote a tool in C# which compiled, analyzed, extracted and presented data received from log files generated by a medical device.
- Developed a Configuration Building Utility by programming in C# using .NET environment and Microsoft Visio SDK.

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**EDUCATION**

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- **Master of Science in Information Technology (M.S.I.T.)** 2006 to 2008  
Clark University, College of Professional and Continuing Education,  
Worcester, MA, USA.

- **Bachelor of Science (B.Sc) in Computer Science** 2000 to 2005  
University of Haifa, Haifa, Israel.

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**PATENTS**

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- The inventor of "Method and Apparatus for Controlling Surveillance System with Gesture And/Or Audio Commands", United States Patent Application 20150074532.

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**COMMUNITY INVOLVEMENT**

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- **Volunteer mathematics and language teacher** 1999 to 2003  
Volunteered as a full time math and language teacher of minority and disadvantaged populations.

References available upon request and on my LinkedIn [profile](#).