Lior Asis

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Looking for an entry level position in programming.

EDUCATION -

BSc – Computer Science   *2017 - Present day*
Academic College of Tel Aviv – Yaffo (M.T.A)

CODING SKILLS & ABILITIES -

Programming Languages: **C#**, C, **C++**, **Java, Python**

IDE: Eclipse, NotePad++, Android Studio, InteliiJ, Visual Studio 2017, SublimeText3.

Additional Tech skills: **Git**, **Design Patterns**, **OOP**, SQL, Android, OpenCV, WinForms, Multi – Threading.

PROGRAMMING PROJECTS –

Four in A Row Game:

- ✓ WinForms UI implementation of the game, Using Model – View and OOP principles.
- ✓ Written in C# using Visual Studio.
- ✓ https://github.com/LiorA1/objectOrientedProgramming

Facebook App:

- An Facebook App implementation using various design patterns, connecting to an external API (facebook API) and working with threads to ensure a quick loading of the app. Written in C# using Visual Studio.
- Design Patterns: Façade, Adapter, Singleton, Observer, Decorator, Command.
- https://github.com/LiorA1/design-patterns

Computer Vision General Android App:

- Personal Project, which was built to learn the different functions & Algorithms exists in OpenCV and how to use them.
- Have learned: Edge detection, Erosion, Dilatation, HoughLine, Color spaces, Blur, KeyPoints and Descriptors, WarpPerspective, pHash and more.
- Additionally, I've used OpenCV, to implement my own Algorithms, like: isolation planar Objects by color, search an identical image using ORB matcher and more..
- https://github.com/LiorA1/OpenCV

Android Camera App:

- Camera App based on the Camera2 API, which contains Still, Video & AutoPic Modules.
- AutoPic Module based on the Firebase ML-Kit, it analyzes the image and saves the best picture, based on the participants facial expressions.
- Written in Java, CPP and RenderScript using Android Studio.
- Implementing includes knowledge in: Design Patterns, OOP, Activities/Fragments Life-Cycles, Threads, HandlerThread, Locks, MediaStore, RenderScript, NDK and more.
- UI Video: https://vimeo.com/431885246
- Full Use cases Video: https://vimeo.com/431886399

GitHub link: (more projects)

https://github.com/LiorA1

WORK EXPERIENCE –	
Security Guard in foreign embassies.	2015 2018
Full military service, honorable discharge as Staff sergeant.	2006
As part of my experience I worked as part of a team (Command Staff)*, managed stressful situations and* taught *professional material.*	2009

LANGUAGES -

Hebrew: Native language.

English: Very good.