

Oleksandr (Alex) Pimenov

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SUMMARY OF QUALIFICATION

Software Engineer with 3 years of professional experience. Hold Secret Clearance. Well versed in OOP and best coding practices using C++. Passionate about engineering high quality software. AI enthusiast. Determined. Good team-player, excel at working independently. Life long learner.

WORK EXPERIENCE

[SRC inc.](#), Syracuse NY

STELR Software Engineer 06/2018 – Present

Radars And Sensors Division

- Part of a cross-functional team practicing Agile development, working on radar systems.C++17, Waf, Linux OS
- Combined the two radar applications(GS1000, PFCR) into a single software base(XBand) to decrease maintenance cost, streamline feature development, and simplify common bug fixes.
- Designed and developed XbandSensorMode to expand multi-mode/frequency radar capabilities
- Refactored radar configuration software to support serial number specific and mode specific configuration databases, to enable fast radar mode generation (time went down from 2 hours to less than 5 minutes)
- Refactored a RawSuperDwell hardware message header to the clean architecture.
- Accepted into the internal Science Technology Engineering Leadership Rotational (STELR) program.
- Updated legacy radar field calibration application to support tech refresh system. Js, Php, postgresql
- Updated suite of applications supporting radar post manufacturing testing process. Matlab, Bash
- Ported features from related products(LCMR, LSTAR) into a unified code base(RSCommon). QNX, C++11

[BovControl](#), Boston MA

Android developer 05/2017 – 05/2018

Worked on a geolocation tracking application for farm boundaries.

Technology stack: Java, MVP, Firebase, Retrofit2, ButterKnife, Dagger2, Espresso, Mockito, git, REST API.

[White-Canvas-Project](#) *An on-line store for food photography enthusiasts*

Co-founder 2016, Website maintenance, merchandise management and distribution.

[Real Estate Development](#), Newton, MA

Assistant manager 2008 – 2015 Work scheduling and orchestration.

EDUCATION

- University of Massachusetts, Boston — M.S in Computer Science, 2015 - 2018
 - GPA 3.96 · Dean's list · 7th at 2016 ACM Boston Preliminary Programming Contest
- Kryvyi Rih National University, Ukraine. M.S/B.S in mining engineering 2003 - 2008
 - Graduated summa cum laude, 4.0 GPA, Alexander Poll stipend recipient.

LEADERSHIP EXPERIENCE

KR Technical University “BRAIN RING” team captain. September 2005 - June 2007

Recruited promising candidates, scheduled and organized team trainings, directed team's discussion path, picked the most promising answer.