

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. Passionate about engineering high quality software. AI enthusiast. Determined. Good team-player, excel at working independently. Life long learner.

WORK EXPERIENCE

- June 2018 – Present : Software Engineer at [SRC inc.](#)
 - Merged two products into a single common base line to decrease infrastructure cost. C++, Waf, Linux
 - Maintained radar GUI. Java
 - Updated suite of applications supporting radar manufacturing and testing process. Matlab, Bash, Java
 - Expanded radar field calibration website to support new system. Php, postgresql, html, css, Js
 - Accepted into an internal engineering leadership rotational program for ambitious workers.
Internal courses: Deep Reinforcement Learning, Effective Presentations, DSP.
- May 2017 – June 2018 : Android developer at [BovControl](#).
 - Worked on a geolocation tracking for farm boundaries.
Technology stack: Java, MVP, Firebase, Retrofit2, ButterKnife, Dagger2, Espresso, Mockito, git, REST API.
- 2016: [White-Canvas-Project](#) co-founder – on-line store for food photography enthusiasts.
 - IT consultant, merchandise manager

EDUCATION

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

PERSONAL PROJECTS: [GitHub](#)

- Laser_CAT – controlling laser pointer remotely through web API (Raspberry Pi / Python / Flask)
- Sauron – security camera for remote places, miles away from wifi points (Raspberry Pi/M2 Bullet)
- SMS-Project – filling out class enrollment spreadsheet via sms. International Development Hackathon, Tufts '18 (Python / Flask / GoogleVoice)
- RatBike – abundant bicycle listing platform, Harvard Hackathon '17 (Android / Java)
- Tetris - fully functional game with GUI (Python)
- Extreme Precipitation prediction in Iowa state based on 9 meteorological features measures in 5k locations (Python / scikit-learn / pandas).

LEADERSHIP EXPERIENCE

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

Primary responsibilities: recruit promising candidates, schedule and organize team training, direct team's discussion path, picking the most promising answer.