Oleksandr (Alex) Pimenov

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SUMMARY OF QUALIFICATION

Software Engineer with 3 years of professional experience. Well versed in OOP and best coding practices. Passionate about engineering high quality software. Experienced in safety-critical systems. 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 technology and engineering leadership rotational program for ambitions workers. As a part of the program took the following classes:
    1. Deep Reinforcement Learning
    2. Radar Fundamentals
    3. Emotional Intelligence
    4. Effective Presentations

- 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, Tuffts '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 / sckit-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.