

Oleksiy G Budilovsky

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OBJECTIVE

Obtain an engaging software development position where I can work on and solve challenging technical and analytical problems

RELEVANT SKILLS

- Experience with Java, SQL, Python, UNIX, C, and some Ruby, PHP, MongoDB, R, Matlab
- Experience with Python Machine Learning packages
- Comfortable with GitHub, Mercurial revision control
- Strong team player with good interpersonal and communication skills. Energetic and responsible
- Fast learning; comfortable with picking up new skills and technical documentation
- Fluent in Russian

EDUCATION

University of California, Davis (September 2015 – August 2017)

- Intended Degree: M.S. Electrical and Computer Engineering, August 2017
- **Research Project:** A Data-Driven Approach to Pre-Operative Evaluation of Lung Cancer Patients: SmartMask used for breath data collection. Use the data collected to train machine learning network for activity prediction. Paper submitted to health conference in China (Oct 2017). Please ask to see paper.
- Past Coursework: Machine Learning, Computer Architecture, Computer Security, Various Circuit Design courses

University of California, Berkeley (August 2009 – May 2013)

- B.S. Electrical Engineering and Computer Science
- Relevant Upper Division Coursework (Lower Division omitted): Components and Design Techniques for Digital Systems (Verilog, Assembly, C) | Digital Integrated Circuit | Embedded Systems | Intro to Databases (C, MySQL) | Communication Networks (Python) | Databases | Intro to Communication Networks

WORK EXPERIENCE

GT Nexus – Supply Chain Management (June 2013 – June 2015)

Oakland, CA

Software Engineer

- Back-end Java and SQL programming focused on developing and supporting several internal production support tools as well as customer facing features
- Managed a comprehensive platform-wide internal caching framework built on EHCache, used to reduce database access for common object queries
- Fixed various bugs and wrote features in 6-week development cycles, on a 60,000 file code base

Work4 Labs – FaceBook Recruiting Solution Startup (Summer 2012)

San Francisco, CA

Software Engineer Intern

- Maintained cron-scheduled python scripts for tracking company competitors
- Wrote PHP script with Nagios checks to automate pushing specific data from back-end MySQL database to front-end Salesforce, to improve Sales team efficiency
- Started a web scraper script for a lead generation project for a list of over 350k potential company clients

UC Berkeley Sponsored Projects Office (Summer 2010 & 2011, Winter 2011 & 2012)

Berkeley, CA

Research Administration Assistant

- Assisted in managing hundreds of research proposals from UC Berkeley Faculty to other educational facilities, profit and non-profit corporations, government entities and foreign institutions
- Independently assessed the urgency of proposals and planned accordingly for filing, inputting, and distributing in a high paced office environment

Kumon Learning Center (Fall 2005 to Spring 2009)

Pleasant Hill, CA

- Tutored math and reading to grade school children – actively tutored twice a week

LEADERSHIP

Theta Delta Chi International Fraternity

Berkeley, CA

New Member Trainer (Fall 2012), Social Chair (Spring 2012), Recruitment Chair (Spring 2011)