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EXPERIENCE

1. **LLC "Internet Retail", Almaty, Kazakhstan - CTO,**
   Apr 2013 - present (www.chocomart.kz)

 Kazakhstan's largest online retail store.

Role:
- Responsible for overall architectural design of a system
- Delegation of tasks between team members
- Controlling quality of code
- Coding using PHP's Yii framework

Results:
- As a team implemented API for single sign on feature across projects of group(chocolife.me, chocotravel.kz, chocomart.kz)
- Conducted move of search engine from Sphinx to Apache Solr, now search is 3 times faster, consuming same amount of resources
- Working on recommender systems using Apache Mahout + Apache Hadoop, to recommend users, products based on their browsing history.

2. **Twitter Inc., Product Manager, Dec 2012 - May 2013 (working remotely part-time)**

Role:
- Understood Twitter's strategy and competitive position, and built a roadmap for the products which supports and extends Twitter's strategy
- Understood the needs of consumers and prioritized enhancements and new feature ideas
- Wrote product briefs and specifications, and collaborated with engineering to build and ship high quality enhancements
- Was a driving force in assembling the resources necessary to ship high-impact products and features, and facilitated communication throughout the development process inside Twitter
- Defined methods for quantifying success (or failure) and ensured that the team has a clear ability to understand and articulate its objectives

3. **Twitter Inc., Software Engineer - Relevance, Machine Learning,**
   Sept 2011 - Dec 2012 (working remotely part-time)

Role:
- Applied data-mining, machine learning and graph analysis techniques for a variety of modeling and relevance problems involving users, their relationships, tweets and interests.
- Designed and evaluated novel approaches for handling high-volume real-time data streams.
- Worked with large unstructured and structured data sets (multi-terabyte+, 100MM+ daily transaction volumes).
- Coded using primarily Java and Ruby.

Results:
- As part of large engineering team created recommendation systems for promoted tweets, such as suggesting who to follow, tailored trends etc.
- As a part of search team integrated new infrastructure for Twitter Search.

- Integration of expanded tweets for articles from NY Times, The Wall Street Journal, items from Amazon and other partners.

PROJECTS

- Sold my thesis about "Converting 2D images to 3D models" to **Microsoft** to be used in **Bing Maps**.
- Use of Machine Learning algorithms in training of Timetabling Systems - sold to **Purdue University**, West Lafayette, USA.
- Certificate of completion - Stanford's non-official Machine Learning class at ml-class.org.

SPEECHES

- **Jul 2012 – Microsoft Research, Zurich, Switzerland –** Computer Vision techniques used to draw Bing Maps.
- **Dec 2011 - Jan 2012, Suleyman Demirel University –** Presentation on "Advanced Java Programming" - Part 1, Part 2**.**
- **Dec 2011 – Suleyman Demirel University –** Presentation of work done at Twitter Inc. is available here. Other presentations are available here.

EDUCATION

Suleyman Demirel University, Almaty, Kazakhstan - May 2012
BSc in Computer Science
Diploma with Honors
GPA: 3.85/4.0

LANGUAGES & INTERESTS

- **Fluent:** Kazakh, Russian, English, Turkish.
- **Beginner:** Arabic, Italian, Spanish.

- **Cycling** - Candidate for Master of Sports of Kazakhstan
    - 2nd place at the National Junior Championship.
- **Mountaineering** - Candidate for Master of Sports of Kazakhstan, major ascents:
    - Peak Pobeda (Jengish Chokusu) (7439 m) 6A route.
    - Peak Khan Tengri(7010 m), from north to south.
    - Peak Khan Tengri (7010 m) 5A route, alpine style.
    - Lenin peak (7134 m) 5A route, solo ascent.