ARMAN TOKANOV

215-882-1051 · arman@wharton.upenn.edu · github.com/armant · linkedin.com/in/tokanov · armant.github.io

EDUCATION

University of Pennsylvania, *Philadelphia, PA* 2016
  School of Engineering: Master of Science in Engineering, Computer & Information Science · Major GPA: 3.7/4.0
  Wharton School: Bachelor of Science in Economics, Operations & Marketing, minor in Computer Science
- *Coursework (*Fall 2015):* *Advanced Algorithms - Randomized, *Advanced (functional) Programming, Distributed Systems, Cloud Computing with Hadoop, *Programming and Problem Solving, Algorithms, Data Structures and Algorithms, Discrete Math, Computer Datapath & Assembly, JavaScript, *Linux/Unix, *Probability, Intro to Statistics
- *Honors:* Penn World Scholar (1 of 9 internationals in the class with full scholarship), Dean's List 2013-14 (awarded for 3.7+)

Kazakh-Turkish High School for Gifted Boys, *Astana, Kazakhstan* 2011
- Bronze Medal in the National Olympiad in Informatics
- 1st place in the Eurasian Olympiad in Informatics
- Golden Medal in Regional Olympiad in Informatics
- Bronze Medal in the National Scientific Projects Competition

Cumulative GPA: 5.0/5.0 · Score of 97/100 in the National Graduation Exam

EXPERIENCE

TellApart (acquired by Twitter), *Software Engineering Intern, San Francisco, CA* May 2015-August 2015
- Built ad display simulation environment for native ad networks using Flask that resulted in detection of numerous display issues in production on daily basis
- Implemented front and back end features for a real time alerting system using Django and Ember.js that resulted in revenue loss prevention through early detection of ad performance issues immediately after launch

Hack4Impact, *Tech Leads' and Product Managers' Lead, University of Pennsylvania* Sep 2014-present
- Leading the club's Tech Leads and Product Managers by selecting, training, and providing ongoing guidance to ensure successful delivery of our software products

Tech Lead & Product Manager
- Lead a team of 3 developers in building a web app with Flask and Google Charts that provides real time cost savings estimations and cost efficiency ranking for a nonprofit by analyzing and visualizing aggregate nonprofit tax data

Developer
- Developed a web app for crowdsourcing of loan applications evaluation for Kiva Microfunds using Node.js and MongoDB

TEDxPenn, *Director of Technology, University of Pennsylvania* Jun 2014-April 2015
- Created a responsive mobile-friendly website that contributed 30% of the total revenue by attracting 13500 visitors converting to 1350 subscribers resulting in $8,000 ticket sales
- Lead the development of iOS and Android applications used by 400 conference attendees
- Planned and executed the technological component of the conference by coordinating the efforts of designers, developers, and third-party service providers

Wharton Small Business Development Center, *Consultant, The Wharton School* Apr 2014 - May 2014
- Performed a competitive analysis covering 30+ competitors leading to 4 actionable recommendations regarding app features to determine the market positioning of a smartphone app
- Researched the MBA programs market and provided market size estimates for a product launch decision for a software solution
- Selected into the program with the acceptance rate of less than 10%

Educator Online, *Operations Intern, Astana, Kazakhstan* Jun 2013-Aug 2013
- Accomplished the creation of 3 new video courses by recruiting teachers and other interns and coordinating their schedules
- Recognized as a Wharton Entrepreneurial Intern Fellow for pursuing startup experience and awarded with a stipend

Qiwi (NASDAQ: QIWI), *Independent Agent, Astana, Kazakhstan* Sep 2010-Aug 2012
- Owned a chain of 7 semi-auto vending machines for paying cell phone bills that processed 7000 transactions/month generating a revenue of KZT 3 million (~$20,000)/month

SOFTWARE PROJECTS

PennBook Facebook clone that uses MapReduce for friend recommendations written with Node.js — Dec 2014
J Compiler Compiler from a simple language J to Assembly complying with LCC calling convention written in C — Dec 2014
Genius 4 Spotify Chrome extension providing one-click access to currently-playing song's lyrics — Jan 2015

PROGRAMMING LANGUAGES, FRAMEWORKS & TOOLS

Hadoop/MapReduce · Node.js · Flask · Django · jQuery · Bootstrap · JavaScript · Java · C · Assembly

LANGUAGES & INTERESTS

Languages: Kazakh (native), Russian (native), Turkish (fluent)
Interests: hackathons, Financial Times, Russian hip-hop