



CURRICULUM VITAE

ASHOT PAHLEVANYAN

Contacts

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- GitHub : <https://github.com/ashotpahlevanyan>
- Upwork : <https://www.upwork.com/ashotpahlevanyan>
- Stackoverflow : <https://careers.stackoverflow.com/ashotpahlevanyan>

Work Experience

- June 2018 –
Software Development Manager, [Cattlesoft Inc :: TagMax](#) ,
- Oct 2018 –
Senior Electron & React Developer, [Cattlesoft Inc :: TagMax Desktop](#),
- July 2018 –
Senior Front End Developer, [Cattlesoft Inc :: CattleMax](#),
- Feb 2019 – Mar 2019
Senior Front End Developer, [Cattlesoft Inc :: CattleScales](#),
- June 2018 – Aug 2018
Senior Front End Developer, [Das Koncept Design Agency](#),
- July 2017 – June 2018
Senior Front-End Engineer, [Upwork \(oDesk\) Corporation](#), [ReactJS](#)/ [Redux](#) / [jQuery](#) / [HTML5](#) / [CSS3](#) / [SASS](#) / [LESS](#) / [Bootstrap 3, 4](#) / [Semantic-UI](#) / [Responsive Web Design](#) / [OOCSS](#) / [SMACSS](#) / [Atomic Design](#)
- Sep 2015 – July 2017
Senior Quality Assurance Analyst, [goPanache](#), [Expertly Delivering Style](#), [Quality Assurance & Analysis of Web and Mobile applications](#).

- Feb 2016 – June 2017
Senior Front-End Developer, [Revenviews LTD](#), UI & UX Development of web applications.
- Sep 2013 – Feb 2016
Senior Front-End Developer, [Upwork \(oDesk\) Corporation](#), HTML5/ CSS3/ Twitter Bootstrap/ Responsive Web Design/ jQuery/ OOCSS/ SMACSS/ SASS/ LESS
 - [proIO GmbH :: Megona.de](#)
 - [Ivan Farm Technologies, LLC](#)
 - [Realize Consulting, LLC](#)
 - [Custmr](#)
 - [ArtIdea](#)
 - [Gardening](#)
 - [Flower Shop](#)
 - [Jewelry](#)
 - [Legend](#)
 - [CattleMax](#)
 - [AskKids](#)
- Oct 2015 – Dec 2016
Senior Front-End Developer, [Cattlesoft Inc.](#), Tackling the hardest parts of the CattleMax software UI implementation.
- Nov 2014 – Dec 2015
*Systems administrator at [Department of Pharmaceutical Biosciences, Uppsala University, Sweden](#)
Research: Biological Research on Drug Dependence, Molecular Neuropsychopharmacology*
 - R/Bioconductor programming
 - Gene Set Enrichment Analysis (GSEA)
 - Genetics Database extraction, Public Database API's
 - Statistical Analysis of Genetic Data
 - Ubuntu Server Administration and Maintenance
 - Automatic processing of Cell Profiler output data
 - Keypoint, Cross Neuro Database
- Mar 2014 – Apr 2014
Software Developer, System Administrator, (ICT) Literacy Test in Armenia (Joint project of [ATC Armenia](#) with [World Bank](#))
- Jul 2013 – Nov 2014
*Research Scientist, [Department of Mathematics and Mechanics, Yerevan State University](#),
Grant : "Groups with periodic defining relations. Embeddings and Automorphisms"*
- Feb 2012 – Jul 2013
Software Quality Assurance Engineer, [LTX-Credence Corporation](#)
- May 2011 – Jun 2012
*Research Scientist, [Department of Mathematics and Mechanics, YSU](#),
Grant : "Systems defined by identities and hyper-identities".*
- Sep 2008 – Dec 2011
Research & Development Engineer, [Yerevan Computer Research Development Institute](#)
- Sep 2008 – Jul 2011
Teaching Assistant, [Department of Mathematics and Mechanics, YSU](#)
- Sep 2004 – Mar 2005
Research & Development Intern, [Yerevan Computer Research Development Institute](#)

Education

- 2011-05-31 : Ph.D., [Department of Mathematics and Mechanics, YSU](#),
Thesis: *On monomorphisms and automorphisms of free periodic groups*
Supervisor: Prof. [Varuzhan Atabekyan](#)
- 2008 : MSc in Mathematics (honors),
[Department of Mathematics and Mechanics, YSU](#),
Thesis: *Embedding of absolutely free groups into groups $B(m, n, 1)$*

- 2006 : BSc in Mathematics (honors)
Department of Mathematics, YSU
Thesis: *On hyperbolic groups*

Programming Languages and Technologies

- **JavaScript** : ES2015, ReactJS, Redux, Node.js, Sequelize, Objection.js, Knex.js, MySQL, MongoDB, jQuery, Jasmine, Chai, Mocha, Jest, Enzyme, Webpack, Grunt, Gulp, Vagrant, familiar with AngularJS, MeteorJS, React Native, Ionic Framework
- **HTML 5 & CSS 3** : PSD to HTML, SASS, LESS, Object Oriented CSS (OOCSS), SMACSS, Atomic Design, Responsive Web Design, Twitter Bootstrap, Semantic-UI, Email Templates
- **R** : Bioconductor, Data Analysis, Genetics Research, Gene Set Enrichments
- **C++** : STL, Algorithms and Data Structures, Design Patterns
- **Java** : J2SE, J2EE (JSP, JSF, Servlets), Tomcat, Tesseract-OCR
- **Perl** : Scripting, GUI Test Automation
- **Python** : Object Oriented Programming, Data Analysis, Parsers
- **C#** : .NET 4.0, iTextSharp
- **MATLAB** : Radar signal filtering, modeling, analysis and prediction
- **LabView** : Core, DAC 1,2
- **Project Management** : Trello, Asana, Pivotal Tracker, Slack, Atlassian: Jira
- **Quality Assurance** : QA of Web / Mobile / Desktop applications
- Typesetting in **L^AT_EX** : Scientific publishing

Languages

English (excellent), Russian (excellent), Armenian (native).

Trainings

- *Statistics and R for the Life Sciences* – Aug, 2015, [Harvard University](#)
- *Parallel Computing on Param supercomputer, Exploring Protein connections with GROMACS* – Dec 2013 - Feb 2014, [Armenian Indian Center for Excellence in ICT \(AITC\)](#)
- *Project Management* – Jul - Sep 2013, [AITC](#)
- *Java For Web Developers (Level 3)* – Feb - Mar 2013, [AITC](#)
- *Java Programming (Level 2)* – Nov - Dec 2012, [AITC](#)
- *High Performance Computing Workshop*, Sep 18-21, 2012, [AITC](#)
- *Java Programming (Level 1)* – May - Jun 2012, [AITC](#)
- *Multi-core Programming* – Mar 2012, [AITC](#)
- *Linux Operating System Programming* – Apr 2012, [AITC](#)
- *Android OS Programming* – Feb 2012, [AITC](#)
- *Attended LabView three level courses by invitation of [National Instruments - Armenia](#)*, Sep – Dec 2011

Self-Paced Courses

- [Design and Analysis of Algorithms, MIT Open-CourseWare](#)
- *Data Structures*, UC Berkeley
- *C++/11 Programming*
- *Bioinformatics*
- *R programming, R/Bioconductor*
- *Gene Set Enrichment Analysis*
- *Genetics*
- *Python programming*
- *MATLAB programming*

Tech Conferences/Meetups

- May 22-23, 2017, [Data Science Workshop](#), American University of Armenia
- Nov 2016 [#Uppstart](#) Tech Meetup, Uppsala, Sweden.
- Nov 2016 [HandsOn Startup Tour 2016 – STOCKHOLM](#), Stockholm, Sweden.
- Nov 2015 [#Uppstart](#) Tech Meetup, Uppsala, Sweden, 1-st prize winner in IBM Bluemix programming competition

Scholarships and Prizes

- 2007 – 2011 Three times was awarded a one-year scholarship from "**Research Mathematics**" foundation, [National Academy of Sciences of Armenia](#)
- 2008 Best young researcher award by "**Vardananq**" foundation

Selected Publications

- V. Atabekyan, A. Gevorgyan, A. Khachatryan, A. Pahlevanyan: [On normal automorphisms of \$n\$ -periodic products of finite cyclic groups](#), International Journal of Group Theory (2013/1), **2**: **3**, 39–47.
- Ashot. S. Pahlevanyan: [The Fibonacci automorphism of free Burnside groups](#), RAIRO - Theoretical Informatics and Applications (2011), **45**: **3**, 301–309.
- A. S. Pahlevanyan, H. R. Rostami: [On automorphisms and embeddings of free periodic groups](#), Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences) (2011), **46** : **2**, 106-112.

Hobbies and Interests

Robotics, classical music, jazz, playing piano, accordion, harmonica, swimming (Second prize winner of Youth Armenian Championship of Water Polo), ballroom and latin dances, canyoning, snorkelling, hiking, travelling.