



CURRICULUM VITAE

ASHOT PAHLEVANYAN

Contacts

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- Stackoverflow : <https://careers.stackoverflow.com/ashotpahlevanyan>

Work Experience

- June 2018 –
Software Development Manager, [Cattlesoft Inc :: TagMax](#) ,
- July 2018 –
Senior Front End Developer, [Cattlesoft Inc :: CattleMax](#),
- Oct 2018 – Aug 2019
Senior Electron & React Developer, [Cattlesoft Inc :: TagMax Desktop](#),
- May 2019 – Oct 2019
Senior React Developer, [Flexxible IT :: Apps2Digital](#), [ReactJS/ Redux / Reselect / Jest / Enzyme / Lodash / Webpack / HTML5 / CSS3 / Material Design \(Material-UI\) / Styled Components / Responsive Web Design](#)
- 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 Alanysis 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 Technology Stack

- **Back-End:**
 - *Node.js / ES2015 / Express /*
 - *DB / MySQL / MongoDB / PostgreSQL*
 - *ORM / Objection.js / Knex.js / Sequelize / Mongoose*
 - *API / Rest API design and implementation / GraphQL*
 - *Postman / Heroku*
 - *Doc apiDoc / Swagger / JSDoc*
- **Front-end:**
 - *JavaScript / ES2015 / ESNext - React.js / Redux / Redux-Saga / Reselect / Lodash / Jest / Enzyme*
 - *Electron.js / Mac, Windows and Linux cross-platform development*
 - *Design Patterns / JS Design Patterns / Effective JavaScript*
 - *HTML5 / Twitter Bootstrap 3, 4 / Google Material UI / Semantic UI / Email Templates*
 - *CSS3 / Quality (W3C valid) code / SASS / LESS / OOCSS / SMACSS / Styled Components*
 - *jQuery / jQuery UI / jQuery Mobile*
 - *Responsive Web Design / Mobile First / Desktop First*
 - *Cross-browser compatibility / IE10+ / Firefox / Chrome / Safari / Edge / Android Browser*
 - *Cross-platform testing (on real devices) / iPhone / iPad / Android mobile/tablet*
 - *W3C Valid Code / Semantic / Well organized / Intuitive code*
- **Quality Assurance:**
 - *Test Driven Development / Behavior Driven Development*
 - *Jasmine / Mocha / Chai / Karma / Jest / Enzyme*
 - *Mobile and Web Applications Testing / Quality Analysis*
 - *Perl Gui Testing / Test Automation / Test Matrix Creation*
- **Project Management:**
 - *Trello / Asana / Jira / Microsoft Azure Dev Ops / Pivotal Tracker / Flowdock / Microsoft Project*
 - *Experienced in Managing Small Teams*
 - *App Specification and Documentation development*
 - *Top Level Communication with Customers*
- **Version Control and Build Tools:**
 - *Git / Github / Bitbucket / GitLab*

- Webpack / Grunt / Gulp / Bower
- Containers / Vagrant
- **Other Techs Used:**
 - R/Bioconductor: R/Bioconductor, Data Analysis, Genetics Research, Gene Set Enrichments
 - C++: C++11, STL, Algorithms and Data Structures, Design Patterns, QT4, MFC
 - Java: J2SE, J2EE (JSP, JSF, Servlets), Tomcat, Tesseract-OCR
 - Perl: Scripting, GUI Test Automation, Win32:GuiTest, Data parsing
 - Python: Object Oriented Programming, Data Analysis, Parsers, Machine Learning (beginner)
 - C#: .NET 4.0, iTextSharp, 2D / 3D Game development, OpenGL
 - MATLAB: Radar signal filtering, modeling, analysis and prediction
 - LabView: Core, DAC 1,2
 - ~~La~~**T****E****X** Scientific Publishing / Presentations

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 Managemant* – 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

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|--|---------------------------------------|
| • Design and Analysis of Algorithms, MIT Open-CourseWare | • R programming, R/Bioconductor |
| • <i>Data Structures</i> , UC Berkeley | • <i>Gene Set Enrichment Analysis</i> |
| • <i>C++/11 Programming</i> | • <i>Genetics</i> |
| • <i>Bioinformatics</i> | • <i>Python programming</i> |
| | • <i>MATLAB programming</i> |

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.