



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 – Jan 2021
Software Development Manager, [Cattlesoft Inc. :: TagMax](#),
- June 2020 – Sep 2020
Senior Electron & React Engineer, [Doxel Inc.](#),
- Aug 2020 – Sep 2020
Senior React & TypeScript Developer, [WorldLobby](#),
- Jul 2020 – Aug 2020
Senior React Developer, [Vivant Inc.](#),
- May 2020 – Jun 2020
Senior React & GraphQL Developer, [Topoleg Inc.](#),
- Dec 2019 – Jun 2020
Senior Front End Developer, [Cattlesoft Inc. :: CattleTags](#),
- July 2018 – Feb 2020
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 Konzept 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
 - ~~LT~~TeX 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

- [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.