



CURRICULUM VITAE

ASHOT PAHLEVANYAN

Contacts

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- 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*
 - *~~La~~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 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.