



# 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 –  
*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 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
- Electron.js / Mac, Windows and Linux cross-platform development
- Design Patterns / JS Design Patterns / Effective JavaScript
- HTML5 / Twitter Bootstrap 3, 4 / Semantic UI / Email Templates
- CSS3 / Quality code / SASS / LESS / OOCSS / SMACSS
- 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 / 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 \(AICT\)](#)
- *Project Managemant* – Jul - Sep 2013, [AICT](#)
- *Java For Web Developers (Level 3)* – Feb - Mar 2013, [AICT](#)
- *Java Programming (Level 2)* – Nov - Dec 2012, [AICT](#)
- *High Performance Computing Workshop*, Sep 18-21, 2012, [AICT](#)
- *Java Programming (Level 1)* – May - Jun 2012, [AICT](#)
- *Multi-core Programming* – Mar 2012, [AICT](#)
- *Linux Operating System Programming* – Apr 2012, [AICT](#)
- *Android OS Programming* – Feb 2012, [AICT](#)
- *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.