Curriculum Vitae

Ashot Pahlevanyan

Contacts

- Email : ashotpahlevanyan@gmail.com

- Website : https://ashot.pahlevanyan.org

- LinkedIn : Ashot Pahlevanyan

- GitHub : https://github.com/ashotpahlevanyan

- Upwork : https://www.upwork.com/ashotpahlevanyan

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

Work Experience

- Mar 2021 –
  Senior Software Engineer, Maark LLC, a TELUS International Company,

- 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 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 Componants*
  - *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*
  - – *LaTeX 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.