

ASYA F. NIKITINA

Albuquerque, NM Phone: (505) 702-9211 Email: a.f.nikitina@gmail.com [GitHub](https://github.com/afnikitina): <https://github.com/afnikitina>

TECHNICAL SKILLS

Programming Languages: JavaScript, PHP, Perl, C++, C++/CLI.NET, C#.NET
Web Development: HTML, CSS, JavaScript, PHP, Angular, Bootstrap, WordPress
Databases: MySQL, MariaDB, Oracle
Networking: Socket programming, TCP/IP concepts
Subversion and Virtualization: Git, VMWare
Functional Skills: Object-oriented programming, multithreaded programming, functional programming, machine learning, pattern recognition, clustering, software development lifecycle, UML, test-driven development.

EDUCATION

Coding Bootcamp	Deep Dive Full Stack Web Development Bootcamp, CNM Ingenuity, Inc., Albuquerque, NM	09/2018
M.S. in Computer Science (GPA 4.0)	University of Nevada, Reno, Reno, NV	12/2007

FELLOWSHIPS AND AWARDS

1/2006 – 12/2007	National Science Foundation , Graduate Research Fellowship to conduct research in Computer Science; University of Nevada, Reno, Nevada
8/2003 – 5/2004	Outstanding Computer Technologies Student in Computer Information Technology Programming; Truckee Meadows Community College, Reno, Nevada.

EXPERIENCE

6/2008 – 10/2011	INFORMATICS SOLUTIONS SPECIALIST: Advanced Chemistry Development, Inc. (ACD/Labs: https://www.acdlabs.com/) <ul style="list-style-type: none">▪ Creating custom enterprise-level software solutions for managing chemical data.▪ Creating domain-specific components such as dynamic-link to extend functionalities of the existing ACD/Labs software products.▪ Integrating ACD/Labs applications with other vendors' software.▪ Participating in International scientific conferences and trade shows.
1/2006 – 12/2007	GRADUATE RESEARCH FELLOW: Computer Science and Engineering Dept., University of Nevada, Reno (UNR: http://www.cse.unr.edu/) <ul style="list-style-type: none">▪ Worked on an interdisciplinary research project in computer science and chemistry.▪ Collected raw chemical sensory data and selected an optimal number of features.▪ Created, implemented in C++, and tested on benchmark data sets five different pattern recognition algorithms, four of which were capable of performing recognition of unseen before samples with high classification accuracy.
6/1997 – 10/1999	MANAGER OF NMR DATABASE DEPARTMENT: ACD, Ltd., Moscow, Russia <ul style="list-style-type: none">▪ Took part in creating of various analytical spectral databases.▪ Supervised the population, testing, modification, and major upgrades of the spectral databases used both to improve prediction accuracy of the company software and as stand-alone commercial products.▪ Managed up to 20 people in the department.

RECENT PUBLICATION

- Golotvin, S.S.; Pol, R.; Sasaki, R.R.; Nikitina, A.; Keyes, P. "Concurrent combined verification: reducing false positives in automated NMR structure verification through the evaluation of multiple challenge control structures," *Magn. Reson. Chem.*, **2012**, 50(6), 429-435.