

Erna Gevondyan

Education

Illinois Institute of Technology

Bachelor of Science, Computer Science

August, 2015 (Anticipated) **Current GPA: 3.18/4.00**

College of DuPage

Associate's Degree, Science (with Honors)

December, 2012

College of DuPage

Certificate, Graphic Design

December, 2008

Professional Experience

Argonne National Laboratory

Division of Nuclear Engineering, Argonne, IL

Co-Op Technical Appointee

August 2013 - Present

- Applying probabilistic risk analysis to the petroleum industry;
- Evaluating performance indicators, focused on safety-related efforts by the regulatory agency;
- Performing quantitative and qualitative analysis of the available data;
- Miscellaneous web development.

Argonne National Laboratory

Division of Nuclear Engineering, Argonne, IL

Summer Research Intern

May 2013 - August 2013

- Performing Molecular Dynamics simulations of nuclear fuel through the use of LAMMPS (Large-scale Atomic/Molecular Massively Parallel Simulator) software;
- Extracting post-run data, performing calculations;
- Analyzing the simulation data to determine behavior of fuel material under extreme conditions through thermophysical properties and thermal conductivity.

College of DuPage

College of DuPage Tutoring Services, Glen Ellyn, IL

Tutor

August 2012 - August 2014

- Providing academic support to students currently enrolled in technical (STEM) courses at COD;
- Assessing and evaluating students' academic standing to help guide their success;
- Maintaining miscellaneous paperwork/bookkeeping/logs etc.

Relevant Coursework

CS 331	- Data Structures (in C++)
CS 351	- Systems Programming
CS 425	- Database Organization
CS 429	- Information Retrieval
CS 430	- Introduction to Algorithms
CS 440	- Programming Languages & Translators
CS 442	- Mobile App Development (iOS)
CS 455	- Data Communication
CS 485	- Computers and Society



Chicago, IL



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ernagevondyan.github.io

Languages

English (Highly fluent)	●●●●●●●●●●
Russian (Native)	●●●●●●●●●●
Georgian (Fluent)	●●●●●●●●●●
Armenian (Limited)	●●●●●●●●●●

Software

MS Word	●●●●●●●●●●
MS Excel	●●●●●●●●●●
MS Visio	●●●●●●●●●●
Adobe Photoshop	●●●●●●●●●●
Adobe Illustrator	●●●●●●●●●●
Adobe InDesign	●●●●●●●●●●

Operating Systems

Mac OS(X)	●●●●●●●●●●
MS Windows 7-8.1	●●●●●●●●●●
Linux/Unix	●●●●●●●●●●

Programming

Python	●●●●●●●●●●
Haskell	●●●●●●●●●●
C	●●●●●●●●●●
Swift (In progress)	●●●●●●●●●●
Ruby (In progress)	●●●●●●●●●●
HTML/CSS	●●●●●●●●●●
MySQL	●●●●●●●●●●
Github/Bitbucket	●●●●●●●●●●

Activities/Interests

- Founding member, College of DuPage Society of Women Engineers (COD SWE)
- Photography
- Painting
- Web design
- Swimming
- Modern art
- DIY projects
- Origami folding
- Arduino/Raspberry Pi
- Graphic design

Collegiate Memberships

- Member, Society of Women Engineers Chicago Regional Section
May, 2013
- Member, Society of Women Engineers IIT Chapter
January, 2014
- Member, Art Institute of Chicago
February, 2012