

# Erna Gevondyan

## Education

### Illinois Institute of Technology

Bachelor of Science, Computer Science  
August, 2015 (Anticipated)

### 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