

# Anupama (Anu) Khan

[Website and Portfolio](#)

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## EDUCATION:

### **Princeton University (Princeton, NJ)**

*Graduated June 2012*

A.B. with Highest Honors in Chemistry; *GPA: 3.7*

### **California Institute of Technology (Pasadena, CA)**

*Matriculated October 2012*

5th Year Graduate Student in Chemistry; *GPA: 4.0*

## RESEARCH EXPERIENCE:

### **Graduate Work (California Institute of Technology and Northwestern University)**

Topics: Electrochemical Properties of Ceria Thin Films for High Temperature Catalysts

*Current*

Adviser: Prof. Sossina Haile, Dept. of Materials Science and Engineering

### **Undergraduate Senior Thesis (Princeton University)**

*2011-2012*

Topic: Surface Characterization of Lithiumized Plasma-Facing Components in Fusion Reactors

Adviser: Prof. Steven Bernasek, Dept. of Chemistry

### **Sustainable Energy Research Internship (Princeton Plasma Physics Laboratory)**

*Summer 2011*

Topic: Characterization of Heat-Induced Damage on Liquid Lithium Divertor Samples

Adviser: Prof. Rob Goldston, Dept. of Astrophysics

## VOLUNTEER/OUTREACH:

### **Meals at Home (Meals on Wheels member organization for Evanston, IL)**

*Current*

Driver for weekly meal delivery

### **Big Brothers Big Sisters Chicago (Skokie, IL)**

*Current*

Mentor for middle school student through the local BBBS chapter

### **Center for Economic Progress (Evanston, IL)**

*Tax Season 2016-17*

Certified tax preparer, assisting low income families with their federal and state tax returns

### **Girls on the Run (Los Angeles, CA)**

*Fall 2014*

Assistant coach for an elementary school program that aims to empower girls through team-building and fitness

### **Tutoring For Veterans (Pasadena, CA)**

*Spring 2014*

Chemistry tutor for veterans returning to college after serving abroad, program run through Pasadena City College

## INTERNATIONAL OUTREACH:

### **Clubes de Ciencias Mexico (Merida, Mexico)**

*Summer 2017*

Instructor for one-week intensive course for high school students on energy technologies for space travel

### **Joint Undertaking for an African Materials Institute (Arusha, Tanzania)**

*Summer 2016*

Teaching assistant for grad-level materials science seminar designed to foster collaborations with African schools

### **Korea Institute of Science and Technology (Seoul, South Korea)**

*Summer 2015*

Summer research exchange program funded through NSF East Asia Pacific Summer Institutes

### **Chinese Language and Culture Course (Shanghai and Xi'an, China)**

*Summer 2010*

Immersive course to study Chinese history and literature, including instruction in Mandarin

### **Monet Foundation (Giverny, France)**

*Summer 2009*

Volunteer at the Monet Foundation; provided assistance for tourists and helped with gardening

## UX SKILLS/COURSEWORK:

### **Codecademy Full Stack Path**

*Current*

Includes HTML/CSS, Sass, JavaScript, jQuery, Ruby, Ruby on Rails

### **edX User Experience Research and Design Micromasters**

*Current*

Completed 501x (Introduction to User Experience Design), 503x (Principles of Designing for Humans), and 504x

(Evaluating Designs with Users)