

Anupama (Anu) Khan

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EDUCATION:

Princeton University (Princeton, NJ)

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

Graduated June 2012

California Institute of Technology (Pasadena, CA)

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

Matriculated October 2012

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

Center for Economic Progress (Evanston, IL)

Current

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

Big Brothers Big Sisters Chicago (Skokie, IL)

Current

Mentor for middle school student through the local BBBS chapter

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) and 503x (Principles of Designing for Humans)