

# ELIZABETH LAGESSE



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/elantrian



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## SKILLS

PYTHON	● ● ● ● ●
HTML/CSS	● ● ● ● ●
JAVASCRIPT	● ● ● ● ●
C	● ● ● ● ●
SQL	● ● ● ● ●
R	● ● ● ● ●
BASH/UNIX	● ● ● ● ●
GIT/GITHUB	● ● ● ● ●
DOCUMENTATION	● ● ● ● ●
COPY EDITING	● ● ● ● ●
GRAPHIC DESIGN	● ● ● ● ●
STUDY DESIGN	● ● ● ● ●
DATA ANALYSIS	● ● ● ● ●

\* a subjective assessment of training, experience and comfort using a skill as part of my workflow.

2015 - 2016

**JOHNS HOPKINS UNIVERSITY**

**GRADUATE RESEARCHER/DEVELOPER**

Helping to create, maintain, and apply the premier software suite for macromolecular modeling as member of the Rosetta Commons development team

2014

**UNIVERSITY OF CALIFORNIA, SANTA CRUZ**

**PYTHON TUTOR**

Tutoring for an upper division Python programming course with an emphasis on bioinformatics

2013 - 2014

**UNIVERSITY OF CALIFORNIA, SANTA CRUZ**

**SENIOR THESIS RESEARCHER**

Cloning, expression, purification, crystallization, and structure determination of viral proteins

2012 - 2013

**SAN FRANCISCO STATE UNIVERSITY**

**NSF-REU FELLOW/RESEARCHER**

Using genomic data to study the evolutionary history of a protein family, creating software tools to improve data handling, and exploring computational methods for extracting new information from pre-existing data sets

## EDUCATION

CHEMISTRY BS

UNIVERSITY OF CALIFORNIA, SANTA CRUZ | 2014

## AWARDS

NATIONAL SCIENCE FOUNDATION GRADUATE RESEARCH FELLOWSHIP

ROSETTA COMMONS SERVICE AWARD  
- For contributions to documentation

ANITA BORG INSTITUTE GRACE HOPPER CONFERENCE SCHOLARSHIP

DEAN'S RESEARCH AWARD  
- Physical and Biological Sciences

CROWN UNDERGRADUATE RESEARCH FELLOWSHIP

NATIONAL SCIENCE FOUNDATION REU SUMMER FELLOWSHIP

WRITING, CODE, RESEARCH, DESIGN, AND SPEAKING SAMPLES:  
WWW.ELIZABETHLAGESSE.COM