

ELIZABETH LAGESSE



elizabethlagesse.com



/elantrian



/elizabethlagesse



elizabethlagesse@gmail.com

SKILLS

PYTHON	● ● ● ● ●
JAVASCRIPT	● ● ● ● ●
HTML5/CSS	● ● ● ● ●
C	● ● ● ● ●
SQL	● ● ● ● ●
R	● ● ● ● ●
GIT/GITHUB	● ● ● ● ●
BASH/UNIX	● ● ● ● ●
DOCUMENTATION	● ● ● ● ●
GRAPHIC DESIGN	● ● ● ● ●
COPY EDITING	● ● ● ● ●
STUDY DESIGN	● ● ● ● ●
DATA ANALYSIS	● ● ● ● ●

* rated on a subjective scale combining previous training/experience and how easily I could use a skill as part of my workflow.

- 1: some exposure to basics, eager to learn more!
- 2-3: courses, small projects, or minor experience
- 4: significant recent experience, comfortable
- 5: very comfortable, a favorite tool

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
Biological Research in Ecological and Evolutionary Developmental Biology