

Gloria (Guy) Anholt

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CONNECT

WWW:// GloriaAnholt.com
Github:// GloriaAnholt
LinkedIn:// GloriaAnholt
Twitter:// @totallygloria

SKILLS

PROGRAMMING

Comfortable:

Python (5000+ lines)

Prior Experience:

C++ | Shell | LaTeX

VERSION CONTROL

Comfortable:

Git | Github

Some Experience:

Mercurial

SYSTEMS

Very Comfortable:

- Linux Distro: 15 years
- MacOSX
- Windows

EDUCATION

UNIV OF CALIFORNIA LOS ANGELES (UCLA)

MA HISTORY OF SCIENCE

Chancellor's Prize Fellow

History Dept. Fellow

EAPSI/JSPS Summer Fellow

FLAS Summer & Annual Fellow

UNIV OF CALIFORNIA SANTA CRUZ (UCSC)

BA IN ANTHROPOLOGY

Highest Honors in the Major

Highest Honors Senior Thesis

SELF-EDUCATION

TEXTBOOKS USED

- RuneStone Interactive Algorithms and Data Structures
- O'Reilly Python for Data Analysis

ONLINE COURSES COMPLETED

- Learn Python The Hard Way
- CodeCademy Python Track
- TreeHouse Python Basics

SELECT PYTHON PROJECTS

MOZILLA MARIONETTE | BUGZILLA: BUG 1256996 hg.Mozilla.org

- Successful cloned the Mozilla Central repository via Mercurial, edited some of the Marionette testing system, and submitted a patch.
- Resolved via Bugzilla, under the mentorship of Maja Frydrychowicz (:maja_zf).

HASH MAP CLASS | GITHUB: HASHTABLEOACCLASS.PY RuneStone Interactive Algorithms and Data Structures

- Using TDD, wrote a complete Hash Map (eg dict type) in Python 2.7.
- Resolves collisions using open addressing, with added functionality check for membership by overwriting the "in" operator.
- Resizes up automatically to approx 2x larger prime and rehashes keys when table hits 70% occupancy.
- Uses iterative generators to allow easy printing of keys, values, or both.

DATA VISUALIZATION | GITHUB: PARSE.PY/GRAPY.PY/MAP.PY NewCoder.io

- Using a CSV file from Data.gov on utility prices by company/zip code, parsed the raw data into a JSON-like format for easier analysis.
- Graphed this data with matplotlib, to show regional price differences.
- Plotted the data on an interactive map using the GeoJSON/github package.

RECENT WORK EXPERIENCE

IDEA LEARNING GROUP | LEARNING CONSULTANT

June 2014 – Jan 2016 | Portland, OR

Created well-researched and thoughtful instructional materials, characterized by playful and engaging interactions, with elegant and clean designs.

Select projects include:

- Researching and writing the entire multisystems training course for a billion-euro off-shore German wind farm, using exclusively engineering technical documents and schematics.
- Full process research, coordinating with client, writing, and designing an 8-part interactive Safety Training Course for Marion County, OR.

NSF & JSPS | EAPSI SUMMER FELLOW

June 2013 – Sept 2013 | Tokyo, Japan

As a National Science Foundation (NSF) "science liaison" for the United States, worked collaboratively with Japanese archaeologists at Meiji University through the Japanese Society for the Promotion of Science (JSPS), conducted independent archival and field research.

UCLA | TEACHING ASSOCIATE, HISTORY DEPT.

Sept 2012 – June 2013 | Los Angeles, CA

Using playful 'Socratic' interactive sections, which emphasized learning to read historical sources critically and write effectively, taught introductory East Asian history and History of Science courses to UCLA undergraduates.