

tierra sharae

TIERRASHARAE.GITHUB.IO

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philadelphia, pa

TOOLKIT

HTML, CSS, JavaScript, Java, Python,
C/C++, SQL, MEAN stack

TECHNICAL PROJECTS

Customiced Sep. 2019

Interactive, responsive website for a
customized computer mouse.

Tools used: *HTML, CSS, JavaScript*

Novel Generator Aug. 2019

Python program using Markov models
to generate random text resembling a
source document, such as a novel

Unclarify Mar. 2019

Multithreaded C program that implements
box-blur on a user's photo, using a box-
size specified by the user.

Philly Crime Detector Dec. 2018

Java program that calculates relative
likelihood of crime for a user based on
location in Philadelphia and time of day

ACCOMPLISHMENTS

- 2019 Grace Hopper Celebration Scholar
- 2019 CAPWIC Conference Panelist
- 2018 J.P. Eckert Fellow
- 2017 UNO Top Student in
Communication
- KTA National Honor Society in
Journalism & Mass Communication

EDUCATION

UNIVERSITY OF PENNSYLVANIA

Aug. 2018 to Dec. 2019

Master's Candidate

Computer and Information Technology (Computer Science)

UNIVERSITY OF NEBRASKA AT OMAHA (UNO)

Aug. 2015 to May 2017

Bachelor of Science in Communication

Major: Journalism and Media Communication

EXPERIENCE

WEB DEVELOPMENT/DESIGN INTERN

Penn Libraries

May 2019 - Present

Aid university researchers, students, and professors in creating web
portals to their data and research projects

Tools used: *Django, Docker, PostgreSQL, Python, HTML, CSS, JavaScript*

TEACHING ASSISTANT

Univ. of Pennsylvania

Aug. 2019 - Present

Assist in teaching CIT 591, an introductory software development
(Java) class, to graduate students. Create a challenging yet
comfortable environment by:

- holding weekly office hours
- preparing and conducting weekly recitations
- answering questions on an online forum
- grading assignments and exams

DIGITAL CONTENT PRODUCER

FOX 42 KPTM

Oct. 2016 - Aug. 2018

Wrote hundreds of web articles, updated TV station's Facebook and
Twitter profiles, boosting engagement by 170%. Tracked trends and
competition, and broke news on Facebook Live and Periscope.

EVENT SPECIALIST / TEAM LEAD

Advantage Solutions

Oct. 2014 - Aug. 2018

Supervised team of up to 40 in supervisor's absence.

Generated excitement, brand awareness and elevated sales by hosting
in-store promotional events.