

# tierra sharae

TIERRASHARAE.GITHUB.IO

tierrasharae@gmail.com

philadelphia, pa

## 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 with UI (written in HTML, CSS, JavaScript) that implements box-blur on a user's .bmp file, 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 College of Communication, Fine Arts and Media Dean's Award
- 2017 UNO Top Student in Communication
- Kappa Tau Alpha National Honor Society in Journalism & Mass Communication
- The Honor Society of Phi Kappa Phi

## 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

### **TEACHING ASSISTANT**

*Univ. of Pennsylvania*

*Aug. 2019 - Present*

Assist in teaching CIT 591, an introductory software development (Java) class, to graduate students. Roles include:

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

### **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, including:

- Workshop in the History of Material Texts
- Re/Member Black Philadelphia

### **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.