

tierra sharae

TIERRASHARAE.GITHUB.IO

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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.