

Nicole Pontaza

Computer Science

Github://Elocintrocitry ❖ pontaza2@illinois.edu ❖ Cell: 713-594-6345

EDUCATION

University of Illinois at Urbana-Champaign

B.S. in Computer Science
Junior | Class of 2019
Tech GPA: 3.34

COURSEWORK

CS125 Intro to CS
CS173 Discrete Structures
CS196 Freshman Honors
CS225 Data Structures
CS233 Architecture
CS241 System Programming
CS460 Security Lab
CS461 Security
CS498 Digital Forensics I & II

SKILLS

PROGRAMMING

Proficient:

C# ♦ C++ ♦ Java ♦ SQL

Familiar:

HTML ♦ CSS ♦ Python

SOFTWARE

Adobe: Photoshop, Illustrator,
Premiere Pro CC ♦ Unity 3D,
Matlab

LANGUAGES

Fluent: English & Spanish

Familiar: French

Basic: Japanese

SOCIETIES

ACM @ UIUC

Women in Computer Science

EXPERIENCE

NCSA | Research Assistant June 2017 – August 2017

- Developed DataGrabber and visualization techniques with Tobii EyeTracker 4C
- Instantiated standard protocols for further research in ML

PenguinTech | Front-end Designer August 2016 – March 2017

- Created the business site www.penguintech.net
- Designed the logo and established the foundation for future business use of the site

CS 196 | Executive Course Staff August 2016 – December 2016

- Mentor and project manager for group of 3-4 freshman in CS 125 honors section
- Developed the autograder for the course by making full use of continuous integration using Jenkins

PROJECTS

DataGrabber | NCSA Internship June 2017 – August 2017

- Developed idea and final program to streamlining eye tracking data from Tobii Eye Tracker 4C
- Combined 2 data streams to show real-time data gathering
- Integrated with Matlab, made from Visual Studio WFA

Novascope | CS196 Project August 2015 - December 2015

- Implemented gravitational physics, networking, and controls
- Designed the artwork and UI

Plant Database | Personal Project April 2015 – May 2015

- Implemented a personal database through WAMP sever with phpMyAdmin to gather/filter information
- Made the UI relay user commands from C++ into SQL for the server simultaneously

OTHER INVOLVEMENT

HackIllinois 2016 & 2017

October 2015 - Present

Project Manager/ Designer

- Handle several projects in an administrative fashion
- Carry out several designing aspects for HackIllinois using Adobe software