Samantha Klemm

Links and Contact

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Education

THE UNIVERSITY OF IOWA
B.A. COMPUTER SCIENCE, SPANISH MINOR
Iowa City, IA | Expected Fall 2018

Skills

Python • Java • HTML • CSS • Ruby • Public Speaking • Git

Coursework

Data Structures
Discrete Structures
Computer Science Fundamentals
Statistics and Probability
Calculus II

Awards and Recognitions

• Best Hardware Hack, Butterfl-eye, BuildHer Women's Hackathon 2017
• Intel: Best Health & Wellness Hack Using Arduino 101 and/or Intel Edison, Butterfl-eye,
BuildHer Women's Hackathon 2017
• National Center for Women in Information Technology Illinois Aspirations Award Honorable Mention for Aspirations in Computing
• University of Iowa Advantage Iowa Scholar

References

Cassidy Williams, Mentor
   Email: cassidy@cassidoo.co
Camryn Williams, Mentor
   Email: cwillycs@amazon.com

Projects

BUTTERFL-EYE | Lead Python Developer
April 2017
- App to assist people suffering from conditions such as ALS, Parkinson's, or paralysis by using eye tracking software to communicate. Implements WebGazer API, Python, JavaScript, HTMl, and Jquery for a user interface with a functional keyboard. Arduino hardware was used for audiovisual alerts for caretakers.

PERSONAL WEBSITE
June 2017
- Created a basic personal website using HTML and CSS.

REDDIT CLONE
September 2017
- Web application built to mimic a link aggregation website, similar to Reddit, using Ruby on Rails.

Work Experience

U OF IOWA COLLEGE OF DENTISTRY: ORAL PATHOLOGY, RADIOLOGY & MEDICINE
May 2016- May 2017 | Iowa City, IA
- Work to electronically inputting and filing patients' charges from their biopsies and radiology charges. Fulfill any additional tasks that need to be completed in order to complete daily tasks.

FINKBINE GOLF COURSE
August 2015 - August 2016 | Iowa City, IA
- Work as a server managing the bar/restaurant. Interacted with customers daily and provided necessary customer support.

LENA STATE BANK
May 2015 - January 2016 | Lena, IL
- Scan loans and electronically file customer's information using Accusystems software. Work directly with the bank senior vice-president, bookkeepers, and customer service representatives to fulfill integral daily tasks.

Involvement

STUDENT PHILANTHROPY GROUP | Member
March 2016 - Present
- Serve as an ambassador for the University of Iowa Foundation for students, raise awareness of philanthropy on campus, and interact with donors and friends of the University.

WOMEN IN COMPUTER SCIENCE | Member
August 2017 - Present

ILLINOIS LEADERSHIP SEMINARS | Volunteer
June 2013 - Present
- ILS is a nonprofit dedicated to unleashing the leadership potential of Illinois youth. As a Junior Coach, I have helped facilitate small group discussions and help create a sense of group unity and pride. I have also served on the operations team.