Tiffany Buu

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tiffanybuu.github.io

SKILLS

Java
C / C++
Python
Node JS
HTML / CSS
Chinese (Proficient)

COURSES

Data Structures
Numerical Methods
Computational Advertising
User Interface Design
Algorithms and Models of Computation
Statistics and Probability
Systems Programming
Software Design Studio

PROJECTS

3D Music Visualizer

Interactive visualizer, allows users to view color-changing bars that correspond to a specific frequency of a song, made with openFrameworks, C++

EDUCATION

University of Illinois at Urbana-Champaign — GPA: 3.68/4.00
BS in Computer Science — Expected Graduation: May 2021

EXPERIENCE

Publicis Sapient — New York, NY
Software Engineer Intern — June 2019 - Aug. 2019

- Wrote code that incorporated new data metrics in order to improve key performance indicators for client's single page applications
- Performed data gap analysis and minimized performance gaps by debugging code responsible for tracking and sending events to tag management systems
- Assisted in managing and developing several JIRA agile stories
- Developed Amazon Alexa Skill to create a more user-friendly and dynamic automation system for customer support centers

Universidad Pontificia Comillas — Madrid, Spain
Research Assistant — May 2018 - July 2018

- Compared clinical natural language processing systems (CTakes/MetaMap), evaluating their accuracies in compiling United Medical Language System concepts
- Analyzed and reported the efficiencies of NLP systems in sentence parsing and semantic skills with given text-based health records
- Refined and compiled patient Electronic Health Records (15+) by using NLP systems to extract UMLS concepts and patient-specific symptoms, slashing down time needed to sift through records by 30%

Eli Whitney Museum — Hamden, CT
Senior Apprentice — Sept. 2013 - Aug. 2017

- Oversaw and led other apprentices in forming and completing packing projects, while implementing new ways to advance and improve production and efficiency
- Increased productivity by 20% through familiarizing apprentices with woodworking skills needed for production (soldering, band-sawing, drill press)
- Wrote assignments and rebuilt lesson plans for Scratch-based summer camps for 30+ students

LEADERSHIP/ACTIVITIES

Asian American Association — Champaign, Illinois
Officer, Academic Alumni Chair — Sept. 2017 - May 2019

- Developed AAA into the largest Asian-interest RSO on campus by creatively engaging with members at events,
- Maintain AAA's Alumni network (200+ graduates), as well as creating and organizing new Alumni events, surpassing previous attendance rates by 50%
- Implement bi-weekly academic and technical workshops (50+ regular attendees) as well as collaborating with other organizations to host larger events attracting well over 300 members