Sydney Roberson

strnfk@mail.umsl.edu | https://github.com/strnfk

Education

University of Missouri - St. Louis   Expected Graduation, May 2021
Bachelor of Science in Information Systems Technology
GPA: 3.5/4.0

Employment Experience

University of Missouri - St. Louis   St. Louis, MO
Object-Oriented (Java) Programming I and II Tutor   September 2019 - *Present*

- Teaches students by helping them with projects that involve encapsulation, polymorphism, and inheritance
- Conducts group test reviews
    - **Tech used:** Java, Netbeans 9.0, Android Studio

Washington University at St. Louis - School of Medicine   St. Louis, MO
Biomedical Research Assistant for Institute for Informatics (I2)   May 2019 - August 2019

- Researched in an exploratory study on attending physician and nurse handoffs and rounds in the intensive care settings (SICU and CTICU)
- Presented in a conference and poster session at Washington University at St. Louis - School of Medicine
- Observed attending physicians and nurses computerized tools (EHR systems) and workflows before and during rounds
    - **Tech used:** Microsoft Word, Excel, and PowerPoint, Google Scholar, and PubMed

The Boeing Company   St. Louis, MO
Contract and Pricing Intern for Phantom Works Division   May 2018 - August 2018

- Participated in FLITE Internship Program that took 12 college students going into their sophomore year to intern and learn business skills in a large corporate environment
- Estimated and Priced new proposals, coordinated estimates with engineers and contractors utilizing internal pricing systems
- Researched and presented to executives on the benefits of Edge Computing as a potential future business venture
- Presented to FLITE interns on Generational Differences in the Workplace
- Wrote newsletters on my experiences at Boeing on a biweekly basis and distributed to executives and coordinators of the FLITE Program
    - **Tech used:** Microsoft Word, Excel, and PowerPoint, Google Scholar

Related Projects and Related Tech

University of Missouri - St. Louis   St. Louis, MO

Web Design Class   August 2019 - *Present*
- Project 1 (*Current*)- HTML5 and CSS web page that contains a brief bio that showcases professional and personal information.
  - **Tech used** in Project 1: Visual Studio Code, Google Chrome Developer Tools, HTML5, CSS, Git, Github, GitKraken

Object-Oriented (Java) Programming I and II Class   January 2019 - May 2019
- *Project 1*: Run My Methods- Basic logic program on finding the number twelve, product with no negative, maximum and minimum number, etc.
- *Side Project 1*: Fortune Teller- Virtual version of the childhood fortune teller game using if statements
- *Project 2:* Payroll System- Developed a payroll system that contained arrays and loops
- *Project 3*: Payroll System (Updated): Expanding on Project 2 by adding inheritance and polymorphism
- *Project 4:* Eval- Developed an evaluation form that contained inheritance, general user interface (GUI) extending JFrame, and derby database
  - **Tech used** in Projects 1-4, side project 1: Java, NetBeans 9.0
- *Project 5:* Substitute Teacher App- Android application that provides teachers an attendance sheet that connected to a database, and flashcards with their students' picture and name, with the purpose of encouraging name recognition
  - **Tech used** in Project 5: Android Studio, Git, Github, Powershell, Firebase (real-time database and authentication), Java, XML

Health Equity Hackathon with Slalom and Johego   September 2019
- Gathered and manipulated data from Missouri (IRS) and provided data from Johego on registered services from their mobile app while using AWS Comprehend

UMSL Hack   February 2019
- Java GUI application that evaluated college students' mental health and stored that data to a derby database with the purpose of providing on local and on campus resources.
  - **Tech used:** Java, Netbeans 9.0

Community Involvement

Volunteer at the Special Olympics- Chicago, March 2016 & March 2017
- Sorted photographs and put them in sleeves for the kids and their coaches (2017)
- Cheered on the athletes and refereed shuffleboard and hand hockey games (2016)

Speaker at the 2016 HIV Prevention Conference- Chicago, October 2016
- Spoke to researchers and psychologist on how adults could discuss sex to adolescents and teens in a social media savvy society

Trunk or Treat with The University of Missouri- St. Louis, October 2018
- Helped set up decorations and directed clubs and organizations to their assigned parking spots.
- Distributed candy to children of the Normandy community.

Honors and Awards
- University of Missouri-St. Louis, Dean's List for the 2017-2018, 2018-2019 semesters
- Spring 2019 recipient of the Tim Caton Scholarship from the Caton Family and University of Missouri St. Louis Information Systems Department
- Top 100 Girls Nationally in the United States Chess Federation for age 18 (February 2018 ranked 49/100)
- Save Our City App Concept
    - Verizon's App Challenge: Best in State and Region (Illinois 2017)
    - Chicago Police Department award because it encouraged discussion about gun violence throughout the Midwest region and Chicagoland community

Leadership and Organization Affiliations
University of Missouri – St. Louis
- Associated Black Collegians Organization Member   August 2017- Present
- Entrepreneur's Club (EC@umsl) Member   November 2018-Present
    - Social Media Coordinator (August 2019-*Present*)
    - Secretary (August 2019-*Present*)
    - Student Government Association Representative (August 2019-*Present*)
- Black Business Students Association Member   August 2018-Present
- IST Mentoring Club Member   August 2019- Present