

Hannah Rose | hnrose@usc.edu | (704) 819-3821 | linkedin.com/in/hannahnrose13

EDUCATION

University of Southern California | Viterbi School of Engineering | Dean's Scholarship Recipient

B.S. Electrical and Computer Engineering; Minor in Entertainment Industry, School of Cinematic Arts **GPA: 3.50, May 2023**

Marvin Ridge High School | Waxhaw, NC - *International Baccalaureate Diploma, AP Scholar w/ Distinction, Class President*

WORK EXPERIENCE

Technology Consultant Intern - *FTI Consulting, Los Angeles, CA* **Jul. 2021 - Aug. 2021**

- Use Excel & Nuix to analyze client data, observe senior consultants & project managers' approaches to client problems.

Student Manager - *USC Dept. of Public Safety, Lost and Found* **Aug. 2019 - PRESENT**

- Manage student employees; schedule shifts, delegate tasks, train new employees, conduct new hire interviews.

- Developed instagram account and social media strategy as a solution to improve communication channels with students.

Orientation Advisor - *USC Office of Orientation Programs* **Jan. 2020 - Jan. 2021**

Mathnasium Tutor - *Tutor elementary, middle, and high school students in math* **Aug. 2017 - Jul. 2020**

INVOLVEMENT & LEADERSHIP

Themed Entertainment Association (TEA@USC) - *Marketing Coordinator* **Aug. 2019 - PRESENT**

- Develop marketing strategies to recruit and engage members; organize and lead alumni mentorship program.

- Collaborated with an interdisciplinary team to create a start-to-finish mock entry for Disney's *Imaginations* competition.

- Created technical deliverables using SketchUp as part of UCSD's Haunted House Design Competition.

Society of Women Engineers - *Officer Council, Scholarship Recipient (SWE-LA)* **Aug. 2019 - PRESENT**

- Plan & lead social events, manage mentorship program (50+ members), attend professional development events.

- Independently filmed, edited, and put together a promotional video for SWE National Organization.

Institute of Electrical & Electronics Engineers (IEEE) - *Outreach Committee Leader* **Aug. 2019 - PRESENT**

Consulting Mentorship Program - *hosted by OnPrem Solution Partners* **Jan. 2021 - May 2021**

- Professional development workshops on consulting and technological solutions in the media & entertainment industries.

Academy Software Foundation Workshop Series **Jan. 2021 - May 2021**

- Engaged with professionals to learn about open source software, pipeline development for animation, VFX, & other topics.

SCHOOL AND EXTRACURRICULAR PROJECTS

Undergraduate Research - *USC Ming Hsieh Dept. of Electrical & Computer Engineering* **Jan. 2021-PRESENT**

- 1st place award in the ECE category at Spring 2021 research symposium for my project on misinformation dissemination.

- Used Github to find data, taught myself Python to run code on JupyterLab, used software and packages to visualize data.

Arduino Temperature Monitoring Device - *final project for EE109: Embedded Systems* **Spring 2021**

- Constructed device using Arduino Uno, LCD display, rotary encoders, buttons, LEDs, & sensors based on state diagram.

Used C++ coding to deliver instructions to the device, and spent hours troubleshooting and debugging until it worked!

Sports Ads Gender Analysis - *Computational Media Intelligence Workshop Series co-hosted by USC & Google* **Spring 2021**

- After attending workshops on data handling, machine learning, and audio/video sampling, I led my team's investigation of gender in sports ads. We loaded audio files from Nike, Adidas, etc. into Google Colab, used Python programming and audio computational analysis tools to examine the breakdown of male and female voices, and presented our findings.

USC Chemical Engineering Freshman Design Challenge - 1st place team entry **Fall 2019-Spring 2020**

- Prepared a design consultation based on cost & efficiency for a solar panel installation. Used Excel to import and manage data, taught myself MATLAB programming to run calculations and create illustrative data visualizations.

AWARDS

Society of Women Engineers LA Scholarship Recipient (2021), 1st place in ECE category research symposium (2021),

National Center for Women & Information Technology Affiliate Award & Scholarship for Aspirations in Computing (2019)

SKILLS

Proficient in: Microsoft Word, Excel, Powerpoint, Google Suite, C++, Python, iMovie. Familiar with Java, Arduino, I/O device programming, Github & JupyterLab. Excellent communication skills, problem solving skills, and ability to learn quickly!