Obsmara Ulloa

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EDUCATION

B.S. – Computer Science	May 2021
Northeastern Illinois University	

WORK EXPERIENCE

COMPUTER SCIENCE PEER LEADER   08/2019 - Current
Northeastern Illinois University (NEIU) – Chicago, IL

- Lead weekly virtual workshops on programming I and II concepts
- Collaborate with other peer leaders and faculty in optimizing programming workshops
- Serve as a role model and guide students to campus resources and external opportunities
- Participate in combined virtual and in-person Peer Leader training
- Demonstrate strong communication, leadership, and organizational skills

COMPUTER SCIENCE SOCIETY PRESIDENT   08/2019 – Current
Northeastern Illinois University (NEIU) – Chicago, IL

- Attend meetings with faculty advisor and other officers on implementation of student-led biweekly workshops
- Partake in the team responsible for maintaining the society's website
- Recruit peers to attend workshops provided by a team of officers on tools such as GitHub and JavaScript fundamentals

SIPARCS SOFTWARE ENGINEER INTERN   05/2020 – 08/2020
The National Center for Atmospheric Research (NCAR) – Boulder, CO

- Developed a new touchscreen interface that displays real-time weather data to deliver a user- friendly and educational kiosk application to be installed at NCAR's Mesa Lab and NCAR-Wyoming Supercomputing Center
- Lead virtual user interviews and communicate with stakeholders with the goal of gathering application requirements
- Took an active role in team meetings, engaging with all parties and transcribing detailed notes of plans, decisions and options discussed

- Participated in ten weekly science communication workshops while engaging in group and team building discussions
- Gave a poster and oral presentation to the NCAR and National Oceanic and Atmospheric Administration (NOAA) scientific community

RESEARCH INTERN   05/2019 –
Northeastern Illinois University (NEIU) – Chicago, IL   11/2019
- Implemented text classification algorithms that identified text as harmful or non-harmful with 87% accuracy
- Used Python scripts to retrieve and classify new socially relevant text memes from existing datasets
- Engaged in weekly career development workshops
- Researched various subjects that were related to the project and presented information to mentors and team
- Presented a poster at SACNAS National Conference and NEIU's Student Center for Science Engagement symposium

TECHNICAL SKILLS
- Programming Languages: Java, Python, HTML, CSS, SQL
- UX tools: NinjaMock
- Version control: GitHub

CERTIFICATES
- Responsible and Ethical Conduct of Research
- Researchers Involved in Human Subjects Research
- Online Teaching Fundamentals Workshop

VOLUNTEER EXPERIENCE

- **PHOTOGRAPHER** *Pancreatic Cancer Action Network*
- **DOG WALKER** *Chicago Canine Rescue*
- **FUNDRAISER ORGANIZER** *Cornerstone Autism Services*
- **MEAL PREP VOLUNTEER** *North Park Friendship Center*
- **FOOD PANTRY VOLUNTEER** *Northeastern Illinois University*
- **FUNDRAISER ORGANIZER** *Leukemia & Lymphoma Society*
- **PHONE BANK VOLUNTEER** *Lurie Children's Hospital*

EXTRACURRICULARS
- Computer Science Society
- McNair Scholars Program
- Society for Advancement of Chicanos/Hispanics and Native Americans in Science (SACNAS)
- Theta Chi Omega National Multicultural Sorority Inc

- The Lincoln Academy of Illinois
- Phi Theta Kappa Honor Society

AWARDS

- Abraham Lincoln Civic Engagement Award
- The National TheDream.US Scholarship

COLLOQUIA

1. Developing a Real-Time Weather Museum Touchscreen, Obsmara Ulloa, Sharon Clark, Becca Hatheway, Jeff Weber, Eliott Foust, Summer Wasson, Yuan Ho. The National Center for Atmospheric Research: SIParCS & NCAR-Wyoming Presentations, Boulder, CO July 29, 2020.

2. Developing a Real-Time Weather Museum Touchscreen, Obsmara Ulloa, Sharon Clark, Becca Hatheway, Jeff Weber, Eliott Foust, Summer Wasson, Yuan Ho. The National Center for Atmospheric Research Poster Presentations, Boulder, CO July 30, 2020.

3. Developing a Real-Time Weather Museum Touchscreen, Obsmara Ulloa, Sharon Clark, Becca Hatheway, Jeff Weber, Eliott Foust, Summer Wasson, Yuan Ho. UCLA National McNair Conference, Los Angeles, CA July 29 - 31, 2020.

4. Creating a Large Cyberbullying Dataset from Multiple Sources to Improve the Accuracy of Cyberbullying Classifications, Obsmara Ulloa, Jorge Garcia, Mirna Salem, Christopher Gomez, Rachel F. Adler, Francisco Iacobelli and Rachel Trana. 2019 SACNAS The National Diversity in STEM Conference, Honolulu, HI, October 30 - November 3, 2019.

5. Cyberbullying Classification: Analysis of Text in Social Media Memes. Jorge A. Garcia, Obsmara Ulloa, Mirna Salem, Christopher Gomez, Rachel F. Adler Ph.D., Francisco Iacobelli Ph.D., and Rachel Trana, Ph.D. 11th Annual SCSE Student Research Symposium, Chicago, IL September 27, 2019.

6. Cyberbullying Classification: Semantic Analysis of Text in Shared Image Memes, Jorge Garcia, Obsmara Ulloa, Mirna Salem, Christopher Gomez, Rachel F. Adler, Francisco Iacobelli and Rachel Trana. 2019 SACNAS The National Diversity in STEM Conference, Honolulu, HI, October 30 - November 3, 2019.