

Maya Williams

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Education

Manufacturing Academy at Los Angeles Valley College, Valley Glen, CA Jun 2019 – Aug 2019

- Gained hands on experience setting up and operating conventional and CNC lathes and mills and other manual tools during this six week course (240 hours)
- Learned fundamentals of blueprint reading, shop safety and technical math, and standard inspection procedures
- Took additional courses in CAM programming (Fall 2019) and CNC lathe (Spring 2020)

School of Machines, Making, and Make Believe: Made in China, Shanghai/Shenzhen, China April 2019

- Developed and prototyped a design for an autonomous vehicle that uses laser projection to display messages
- Used CAD for fabrication creating models on Rhino and using a laser cutter to produce them
- Utilized programming and electronics knowledge to integrate motor and light components with Arduino

B.A. Social Science: Sociology focus, New York University Shanghai, Shanghai, China 2014 - 2018

- Overall GPA: 3.58/4.0
- Studied abroad at New York University Accra (Spring 2017)
- Studied abroad at New York University Washington, D.C. as a Global Leadership Scholar (Fall 2016)
- Senior Capstone: “融入上海生活: An Investigation into the Impact Race-Ethnicity/Nationality Have on the Experience of Expatriates in Shanghai”

Awards and Certifications

Certificate in Mediation from the Ventura Center for Dispute Settlement March 2019

- Learned the driving theory and principles of communication and the practical skills needed to mediate conflicts
- Participated in role plays and modules to practice diffusing stressful situations and facilitating solutions

NYU Shanghai Dean’s Undergraduate Research Fund Summer 2016

- Rewarded funding for a research proposal examining how racial/national identity have impacted the lives of expats living in Shanghai

*see Senior Capstone

Experience

Abacorp, Chatsworth, CA, Machinist Level I and Tooling Manager Aug 2019 – March 2020

Operated and set up CNC Haas Machines to produce a variety of parts. Conducted visual and mechanical inspection of parts with precision measuring tools to ensure they conform to blueprint specifications. Adjusted offsets and tools as necessary. Assisted in quality control with first article inspection and spot-checking of jobs when needed. Followed shop safety and maintenance standards to optimize work area. Managed the tooling department including setting up and tearing down toolkits, ordering new tools as needed, and establishing a new inventory system to better monitor and reduce tooling costs.

NYU Shanghai Dean Service Scholar, Shanghai, CH & Phnom Penh, CM, Scholar/Videographer Oct 2017 – May 2018

Learned about the various needs, obstacles, and considerations involved in running an NGO and engaging in international service. Prepared and taught lesson plan for an English public speaking class aimed at Cambodian youth age 13-17. Created a 10 minute documentary about this experience, was directly involved in interviewing scholars, filming, and organizing the video.

On Century Avenue (OCA), Shanghai, China, Executive Director Aug 2017 – Feb 2018

Recruited OCA’s creative team and guided them in executing the publication’s artistic vision. Managed multimedia content for the publication each week including images and podcasts. Assisted in the running of weekly pitch meetings. Gained experience with editing in Photoshop and Audacity. Previous positions: Off-site writer (Feb – May 2017); Section Editor (May 2015 – May 2016); Copy Editor and Staff Writer (Aug 2014 - May 2015)

NYU Shanghai Diversity Initiatives, Shanghai, China, Diversity Programming Intern Sept 2017 – Dec 2017

Assisted in planning and developing programs based on the interests and demands of the student body around identity, diversity and social justice. Provided support for events, marketing efforts, and outreach to the student body. Assisted the student committee in executing Ally Week, a weeklong series of events focused on “allyship.” Previous position: Ally Week Co-chair (April 2016)

NYU Shanghai Queer & Ally Society, Shanghai, China, Vice President May 2015 - May 2016

Organized biweekly “safe space” club meetings leading approximately 20 students through icebreaker games and open dialogues on LGBTQ+ issues. Advised Health & Wellness in developing a university wide sex-ed initiative and created more inclusive sex-ed literature. Arranged off campus events to introduce students to resources within the greater Shanghai LGBTQ+ community.