

# Michelle Lin

Nashville, TN | +1 (615)497-4762 | [michelle.lin@vanderbilt.edu](mailto:michelle.lin@vanderbilt.edu) | [www.linkedin.com/in/michelle-lin04](http://www.linkedin.com/in/michelle-lin04)

---

## EDUCATION

---

### Vanderbilt University

*B.S. Computer Science & Art, Minor in Engineering Management*

Nashville, Tennessee

Expected May 2028

- **Memberships:** The Hustler, Sustainability Startup Founder, Exec on Vanderbilt Innovation and Entrepreneurship Society (VINES), Exec on Student Advisory Board (Owens Center for Entrepreneurship – Developing EV App), Product Space
- **Relevant/Future Coursework:** Programming and Problem Solving, Program Design and Data Structures, Discrete Structures, Applied Behavioral Science, Computers and Ethics, Technology Strategy, Program and Product Management, Digital Fabrication

## PROFESSIONAL & RESEARCH EXPERIENCE

---

### Urbaanite

*Events Marketing and Design Intern*

Nashville, Tennessee

January 2025–Present

- Increased 1000+ followers on social media platforms (Instagram, Facebook, X, Threads), generating 20K more views each month
- Enhancing brand identity through redesigning content graphics and driving client success through targeted promotion

### Taiwa Precise Technique Co., Ltd.

*Product Designer & Project Manager*

Taichung, Taiwan

May 2023 – August 2023

- Directed entire production flow of 10+ types of medical worktables from improving client sketches to the production process
- Optimized 50+ sheet metal components and redesigned 65+ blueprints to enhance their manufacturability and functionality
- Acted as liaison between clients, design team, and manufacturing workers to translate ideation into manufacturable products

### Protein Vaccine Development Lab at National Chung Hsing University

*Multidrug-resistant Bacteria Researcher, under Prof. Yang*

Taichung, Taiwan

December 2021 – August 2023

- Developed and patented a new methodology for combating the escalating global health threat of multidrug-resistant bacteria
- Published discovery in [IEEE Xplore](#) on novel treatment solution that combines biofilm dispersal agent with co-treatment therapy
- Presented research to over 1000+ researchers, professors, and doctors at the IEEE Eurasia Conference on Biomedical Engineering, Healthcare and Sustainability (ECBIOS) 2023 conference inspiring breakthroughs in development of last resort drugs

### Sustainable Catalyst Lab at National Chung Hsing University

*Eco-friendly Catalyst Researcher & Manuscript Writer, under Prof. Luo*

Taichung, Taiwan

July 2019 – July 2023

- Enhanced recyclability of catalysts up to 6 times with 80% reusability, reducing industrial pollution of acetylated drug production
- Co-authored [3 published papers](#) on new eco-friendly methodologies for conventional organic chemical reactions in industries

## LEADERSHIP & VOLUNTEER SERVICE

---

### First Love International Ministry

*Project Team Leader*

Panay, Philippines

September 2023 - April 2024

- Collaborated with Ati tribal engineers to design and install 25+ solar-powered water filtration devices across seven villages
- Led teams of 25 members twice to the MASA Ati school to provide health checkups and afterschool STEM tutoring
- Organized the annual school-wide Christmas fundraiser, assembling 500+ boxes of daily essentials for the MASA Ati children

### English Outreach Club

*Club Leader & School Outreach Coordinator*

Taichung, Taiwan

August 2020 – May 2024

- Trained 40+ members in school of 200 and revamped teaching strategies by creating engaging, conversational-based curriculums
- Expanded outreach by establishing 5 additional school partnerships to provide after-school lessons for low-income students

### Morrison Academy Student Government

*Service Chair*

Taichung, Taiwan

August 2020 – May 2024

- Partnered with Step30 International Ministry to host community-wide clothing drives for underprivileged communities in Kenya
- Presented to rooms of 500+ students and parents, securing donations of over 50+ boxes of 20kg footwear and clothing
- Fundraised \$3000 for medical relief in Turkey-Syria earthquake by organizing food concessions and craft art sales

## SKILLS/INTERESTS

---

- Java, HTML/CSS, AutoCAD, Adobe Illustrator, Figma, Mandarin, Taiwanese, & Spanish (Fluent), German (Proficient), Design & Innovation, Product Management, Product Analysis, UX/UI Design, Communication, Market Research, Marketing