MICHELLE LIN

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EDUCATION

Vanderbilt University May 2021
Major: Computer Science and Medicine, Health and Society
CS GPA: 3.85/4.00 | **Overall GPA:** 3.69/4.00
Coursework: Algorithms, Data Structures, Database Management Systems,
        Digital Systems, Discrete Structures, Economic Statistics, Intermediate Software Design
Technical Skills: Java, C++, SQL, Python (introductory), Git

PROFESSIONAL EXPERIENCE

Juni Learning March 2020 - Present
Computer Science Instructor | Trial Instructor
- Help kids ages 6 to 16 build resilience and grit alongside their coding skills by teaching 8 to 10 individual and pair project-based lessons weekly in Scratch and **Python**.
- Demonstrate live classes to new students (and their parents) and place them in the correct course based on their technical skill level, comprehension ability and learning style.

Buchanan Research Fellowship January 2020 - Present
Optical Character Recognition Research Fellow
- Collaborate in a team of seven to digitize select historical manuscripts by utilizing regular expression matching with RegEx and producing transcriptions with machine learning techniques using ABBYY FineReader, Tesseract, OCRopus and Transkribus.
- Build a web exhibit displaying the digitized manuscript and its transcription side by side.

The Graide Network
Remote Teaching Assistant January 2019 - Present
- Contribute to mass grading project by norming and scoring critical thinking as well as **HTML** syntax and comprehension questions for 1000+ pre-and post-tests for Chicago Public Schools' computer science program.
- Evaluate student understanding of control flow with scratch in P5.js by analyzing 60+ sets of student code for a study conducted by NYU Steinhardt and The Research Alliance for NYC schools.
- Provide high-quality, rubric-based scoring and feedback on 450+ high school level English assignments.
- Assess and provide feedback on each student's strengths and growth areas, as well as share summary thoughts for the teacher on the class's overall strengths and growths.

Events at Vanderbilt
Event Services Associate - Sarratt | Rand Student Center August 2018 - Present
- Manage box office including cash register, finalizing daily sales and selling tickets in person.
- Calmly respond to client requests and emergencies; answer and direct inquiries concerning daily campus events to appropriate departments.
- Coordinate layouts with campus partners and set up chairs, tables and A/V equipment for 100+ people event spaces in teams of four.

PROJECTS

College Data Visualizer March 2020
- Worked with teammate to build a web application that allows users to filter through colleges based on specific attributes using **MySQL** and **Python Pandas.**

LEADERSHIP AND ACTIVITIES

Phi Sigma Rho: Women in Science and Engineering
Recruitment Chair - Alpha Eta Chapter January 2019 - August 2019
- Map out recruitment timeline and design flyers using Canva to promote interest in Phi Sigma Rho.
- Plan, coordinate and lead all recruitment related events such as information sessions, tabling and rush nights.
- Manage membership education schedule and all associated events that include the entire chapter while ensuring all candidates meet national requirements.

SKILLS

Design Software: Microsoft Suite, InDesign, HJE Design | **Languages:** Proficient Chinese, Conversational Japanese