Michelle Pao

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Education

2017-2021
BACHELOR OF SCIENCE

BINGHAMTON UNIVERSITY

Major in Biomedical Engineering
Minor in Graphic Design
GPA: 3.5/4.0
Honors: Dean's List Fall 2017, Spring 2018

Proficiency

- InDesign
- Photoshop
- Illustrator
- Microsoft Office Suite
- Solid Edge
- Matlab
- HTML

Experience

LAYOUT EDITOR & PART-TIME WRITING CONTRIBUTOR

ASIAN OUTLOOK

OCTOBER 2017-PRESENT

Develop a well-contrived design for a bi-semester literary arts magazine and format an easy-to-read arrangement. Contribute in weekly meetings and group discussions and collaborate with other Asian subgroups for articles. Contribute in Asian Student Union events, performed spoken word and apply current social issues into production.

LAYOUT EDITOR

THE PHOENIX

SEPTEMBER 2016-JUNE 2017

Integrated constructive feedback from team, worked to make each following issue better and more legible. Presented at some of the readings to introduce work, helped create a relaxed, calm environment for the reading. Taught the design associates some tips for using Photoshop and InDesign. Instilled what good layout was.

TEACHER'S ASSISTANT

ABC MATH

JUNE 2016-DECEMBER 2016

Assessed each essay meticulously, focusing on the students' grammar, flow of their narrative, neatness and spelling. Coordinated afterschool programs to review difficult material with students and assist them with homework Processed grade information on data sheet, using Excel. Formatted vocabulary quizzes for each week.

Projects

RESEARCHER & DESIGNER

The Development of Liver Organoid from iPSCs via dlECM and Conditioning

NOVEMBER 2018-DECEMBER 2018

Researched the promising route of using induced pluripotent cells for tissue engineering besides hepatic stem cells. Created the final schematic and flow chart of the bioreactor using Adobe Illustrator and labeled each component. Found necessary components of the cell culture medium for the scaffold and calculated the flow rate of the medium.

RESEARCHER

Methods for Eradication of Persister Cells in Biofilms of Pseudomonas Aeruginosa

AUGUST 2017-NOVEMBER 2017

Theorized what methods could permit antibiotics to affect persister cells. Managed meeting minutes and gave poster talk at Innovative Technologies Complex.

Activities

- **BINGHAMTON STUDENT DESIGN AGENCY**
- **INNOVATION SCHOLARS PROGRAM**
- **SOCIETY OF WOMEN ENGINEERS**

ADDITIONAL INFORMATION

Interests: K-pop, Bullet Journaling, Yoga, Intervarsity Christian Fellowship, Ukulele