

# Natalie Lampa

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## EDUCATION

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### University of Michigan – Ann Arbor, MI

April 2020

*BS in Asian Studies, minor in Applied Statistics*

- GPA: 3.3/4.0

Relevant course work: EECS 280: Programming and Introductory Data Structures, EECS 281: Data Structures and Algorithms, STATS 412: Introduction to Probability and Statistics, ARTDES 193: Web Design

### UM-Shanghai Jiao Tong University Joint Institute – Shanghai, China

May 2018 - August 2018

## EXPERIENCE

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### Knowledge Grid, UM Department of Learning Health Sciences      University of Michigan – Ann Arbor

*Undergraduate Research Analyst and Developer*

September 2017 – Present

- Developed a medication comparison web application with team members utilizing Vue.js and JavaScript to crowd-source a fine-grained medication risk scale
- Collaborated with a team through the Undergraduate Research Opportunities Program to develop a program using the Python language to read in Excel data and validate the variability between lung cancer risk models

### LSA Opportunity Hub: Flash Internship in Tech

San Francisco, California

*Intern*

April 29 – May 4, 2018

- Selected as one of 12 students out of over 200 applicants to collaborate on case studies and day-long marketing projects assigned by UM alumni at Pinterest, Facebook, WhatsApp, and PagerDuty and present solutions in order to intensively explore the variety of careers in the technology industry

### Connect 4 Programming Project

University of Michigan - Ann Arbor

*Student with a team of 3*

December 2016

- Collaborated with team to create a program using the C++ language in Xcode to make a computer version of the game *Connect 4*
- Designed the graphics for gameplay with team members to ensure appropriate functionality when players are making moves and they win, lose or come to a draw in the game
- Presented prototype to Electrical Engineering and Computer Science faculty at the class' end of year showcase for review

## ACTIVITIES

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### Filipino American Student Association (FASA)

January 2017 – Present

*Technology Chair, 2018-2019*

- Designed and distributed the FASA newsletter using Mailchimp to market upcoming events and promote cultural awareness
- Created and maintained FASA website on Wix.com in order to provide easily accessible information about the organization

### A/PIA High School Conference (HSC)

August 2018 – November 2018

*Logistics Co-Chair*

- Managed event budget, equipment reservations, and student registration process to ensure conference efficiency

## SKILLS

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Languages: C++, Python, Java, HTML/CSS, intermediate Filipino

Applications: Microsoft Office, Adobe Photoshop CS6, Adobe Illustrator, Vue, Sketch