

## EDUCATION

**Wheaton College, Massachusetts** Aug. 2015 to May 2019  
Computer Science and Mathematics-economics

**Mahindra United World College** Aug. 2013 to May 2015  
International Baccalaureate

## SUMMARY

Aspiring computer scientists and economists with a passion for technology and innovation. Currently traveling to Tanzania, Mongolia, Japan, Peru, and Nepal for a year as a Thomas J. Watson Fellow researching not only how drones are helping rural communities but how local robotics capacity is being built.

## SKILLS

**COMPUTING LANGUAGES:** Python, C++, R, HTML5, Javascript, Microsoft Excel, Bootstrap

**SOFTWARE:** Fusion 360, Adobe Premiere Pro, Adobe Illustrator, Adobe Photoshop

**LANGUAGES:** Bumthap, Dzongkha, Hindi, Nepali

## EMPLOYMENT

### WATSON FOUNDATION, NEW YORK

Thomas J. Watson Fellow

July 2019 to Current

- One of only 40 graduates nationwide to be awarded this highly selective grant for independent research outside of the United States.
- Traveling to rural Tanzania, Mongolia, Nepal, Japan and Peru where local technicians and organizations are engaging with rural communities to understand the positive impact of drones.
- Learning how organizations form relationships with local communities to assess and integrate the growing drone technology platform.

### ECONOMICS DEPARTMENT, WHEATON COLLEGE

Economics Research Assistant

Aug. 2018 to May 2019

- Extensively use python to clean CSV datasets gathered on the labor force, education and population in Appalachian states to determine hiring prospects for the employable population.
- Research, fact-check and validate the information and dataset links for the textbook "The Urban Experience: Economics, Society, and Public Policy."
- Produce maps using ArcGIS that will potentially be used for the textbook "The Urban Experience: Economics, Society, and Public Policy."
- Mentor the upcoming research assistant on the use of ArcGIS and collecting datasets.

### LEXOMICS, WHEATON COLLEGE

Lead Front-End Web Developer

May 2018 to July 2018

- Lead the Front End developing team in updating and improving the user interface through assigning weekly tasks and code reviews.
- Spokesperson for the Lexomics software team to the English research team using Lexomics to gather real-time feedback on the user interface.
- Update the JavaScript library from jQuery version 2 to version 3 requiring several files to be refactored.

### MAKERSPACE, WHEATON COLLEGE

Lab Assistant

Jan. 2017 to May 2019

- Consultant for improving the Makerspace including researching and purchasing 3D printers, filaments, and general electronics.
- Teach students and faculty members of the college on proper operational procedures for available equipment.
- Conduct biweekly workshops for students majoring in visual arts to help them use 3D printers, laser cutters, and CNC machines in their work.
- Maintain and manage the performance of 3D printers and laser cutter on campus Makerspace.

### OFFICE OF RESIDENTIAL LIFE, WHEATON COLLEGE

Resident Advisor

Jan. 2017 to May 2019

- Market, develop and lead student-centered programs to promote relationship building, educational endeavors, diversity, and understanding for my peers.
- Develop a positive living environment designed to link community, faculty, and residents.
- Encourage and exhibit respect for diversity by facilitating a healthy living environment.

### LYON'S DEN, WHEATON COLLEGE

Barista

Jan. 2016 to Aug. 2018

- Engage customers and work closely with colleagues to provide quality customer service.
- Make and serve specialty food and beverages while maintaining an orderly store-front.
- Develop a strong ability to multitask between various roles.

## PROJECTS

### WHEATON COURSE SCHEDULE

A web application for efficient search of courses in Wheaton College.

Jan. 2017 to May 2018

### GLUGO2.0

Using Machine Learning to prototype a predictive glucose algorithm.

Aug. 2018 to Dec. 2018

## AWARDS

### IMAGINE GRANT · INTERMEDIA ARTS GROUP INNOVATION NETWORK

Fall 2018

The IMAGINE project provides opportunities for integrating technology into the arts at Wheaton, with a network of high-tech and traditional creative hubs across campus and opportunities for student-faculty collaboration.

### Wheaton College DEAN'S LIST

Dean's list is awarded to students that have a GPA higher than 3.5