

EDUCATION

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

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

SUMMARY

Aspiring computer scientists and economists with a passion for technology and innovation. Recently finished my Thomas J Watson Fellowship, traveling to Tanzania, Mongolia, and Nepal for a year 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, Bootstrap, ReactJS
SOFTWARE: Fusion 360, Adobe Premiere Pro, Adobe Illustrator, Adobe Photoshop
LANGUAGES: Bumthap, Dzongkha

EMPLOYMENT

THE ROYAL ACADEMY

Web Intern

- Researched various mapping software like Google maps, Tableau, and used them for testing purposes.
- Developed an online map using ArcGIS online for the school.
- Presented and consulted the school in regards to technical aspects such as migrating to the cloud, curriculum development, etc.

Paro, Bhutan
Mar. 2020 to July 2020

WATSON FOUNDATION, NEW YORK

Thomas J. Watson Fellow

- 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.

July 2019 to July 2020

OFFICE OF RESIDENTIAL LIFE, WHEATON COLLEGE

Resident Advisor

- 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.

Jan. 2017 to May 2019

ECONOMICS DEPARTMENT, WHEATON COLLEGE

Economics Research Assistant

- 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.

Aug. 2018 to May 2019

MAKERSPACE, WHEATON COLLEGE

Lab Assistant

- 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.

Jan. 2017 to May 2019

LYON'S DEN, WHEATON COLLEGE

Barista

- 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.

Jan. 2016 to Aug. 2018

LEXOMICS, WHEATON COLLEGE

Lead Front-End Web Developer

- 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.

May 2018 to July 2018

PROJECTS

KONGTSEY

A free student-focused RCSC preliminary prep test.

June 2019 to Current

GLUGO2.0

Using Machine Learning to prototype a predictive glucose algorithm.

Aug. 2018 to Dec. 2018

AWARDS

IMAGINE GRANT · INTERMEDIA ARTS GROUP INNOVATION NETWORK

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.

Fall 2018

Wheaton CollegeDEAN'S LIST

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