

Aditi Bhandari

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EDUCATION

University of Michigan, Ann Arbor, MI

SEPT 2017 - MAY 2021

College of Engineering - Expected BSE in Computer Science

Relevant Courses: Elementary Programming Concepts, Data Structures and Algorithms, Discrete Math, Linear Algebra, Foundations of Computer Science (EECS 376), Computer Organization, Machine Learning, Database Management Systems, Computer Security, Mobile App Development

Farmington High School, Farmington, MI

SEPT 2013 - JUNE 2017

Member of the National Honor Society

EXPERIENCE

OpticSurg, New York, NY - Software Engineer Research Intern (Remote)

JUNE 2020 - SEPT 2020

- Designed and developed a weighting system using Python to automate ranking potential investor data in accordance with OpticSurg's evolving preferences.
- Utilized web scraping to extract and parse through additional investor data.
- Wrote scripts that helped analyze OpticSurg's previous investor data alongside the weighted system to create a model for investor outreach strategizing and company expansion.

Larky, Ann Arbor, MI - Software Engineer Intern

JUNE 2019 - NOV 2019

- Implemented features in existing web applications, mobile applications, and developed new software tools using Python, JavaScript, HTML, and CSS to improve company efficiency.
- Created a Python tool that automated exporting weekly data reports to clients via email using the Keen API.
- Helped launch Larky's new product, which utilizes geo-notifications as its prime feature.

StockX, Detroit, MI - Software Engineer Intern

JUNE 2018 - AUG 2018

- Implemented a web application using ReactJS to make new entries and modifications to the customer and product databases for the Marketing team to use.
- Created smaller tools using Python and SQL to collect weekly updating product statistics.

PROJECTS

Spotify Rewind — Playlist Generating Web Application (2020)

Web application that generates and creates a Spotify playlist with the most popular songs from a selected year and set of genres using the Spotify API. (ReactJS, Flask)

ForgetMeNote — Note Taking Chrome Extension (2018)

Chrome extension which allows the user to take notes within a website and stores them in Chrome's local storage by url. (JavaScript, HTML5, CSS3)

Image Classifier — Using Deep Learning (2020)

Implemented an image classifier using convolutional neural networks and autoencoders in order to apply both supervised and unsupervised learning on a dataset comprising various images. (Python)

ACTIVITIES

DMC Children's Hospital, Detroit - Research Associate

JUNE 2016 - JAN 2017

Analyzed and interpreted medical patient data for a research project on the effects of therapeutic hypothermia on newborns.

SKILLS

C++/C/C#, Python, Flask, JavaScript, ReactJS, HTML, CSS, SQLPlus, GoLang, Swift, Unity

Photoshop, Microsoft Office Suite

AWARDS

Michigan Council of Women in Technology: Website Design Finalist (2014)

Health Occupations Students of America (HOSA): Medical Math Exam 3rd Place (2014)

Michigan Math Prize Competition (MMPC): 2nd Round Qualifier (2014, 2016)

Solo & Ensemble Violin Quartet: 1st Division Ranking (2013)

CLUBS

Girls Teach Girls To Code: 2019-PRESENT

Club that aims to inform and teach high school girls about coding and opportunities in the field through workshops.

LANGUAGES

English, Hindi, French

INTERESTS

Keyboard, Violin, Ukulele, Dance

SOCIAL NETWORKS

[Github](#)
[Linkedin](#)