

Prajwal Choudhry

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EDUCATION

UNIVERSITY OF MICHIGAN

BS IN COMPUTER SCIENCE

Expected Apr 2020 | Ann Arbor, MI
University Honors (All Semesters)

CLARKSBURG HIGH SCHOOL

Grad. Jun 2016 | Clarksburg, MD

ORGANIZATIONS

ATLAS DIGITAL | PRESIDENT

Consulted with local businesses and clients in order to address their technological needs.

WCI | ANALYST

One of 40 members actively managing a \$10,000 equity portfolio with a focus on investments within the technology sector.

COURSEWORK

UNDERGRADUATE

Algorithms & Data Structures

Intro. Programming & Data Structures

Discrete Mathematics

Intro. to Programming

SKILLS

PROGRAMMING

C++ • Java • Python • VBA

HTML • CSS • Javascript

Tableau • Talend • iOS • PHP

mySQL

OTHER

Excel • Photoshop • Lightroom

LINKS

 bit.ly/githubPC

 bit.ly/LinkedInPC

EXPERIENCE

NAVITAS BUSINESS CONSULTING | SOFTWARE ENGINEERING INTERN

July 2018 – Present | Herndon, VA

- Developed, managed, and updated company website using PHP scripts and mySQL database.
- Used Python, Tableau, and Talend in order to perform data analysis and visualization for clients.

CAPITAL ONE SOFTWARE ENGINEERING SUMMIT | PARTICIPANT

May 2018 | Arlington, VA

- Selected as one of 40 participants out of 700+ applicants.
- Gained exposure to a variety of new and upcoming technologies by creating small projects to integrate each of these technologies.
- Projects made use of technologies such as Amazon AWS, Amazon Alexa & DialogFlow, Swift, Android Studio, and basic Python ML.

ENVESTNET INC | SOFTWARE ENGINEERING INTERN

June 2017 – August 2017 | Chicago, IL

- Planned, developed, and tested a software application that would allow financial institutions to map mutual funds based upon specified parameters.
- Application was deployed for use by financial advisors at institutions such as Mass Mutual and T. Rowe Price Group Inc.
- Resulted in higher mapping efficiency and decline in number of errors made by financial advisors.

PROJECTS

MDININGALEXA | PYTHON | SUMMER 2018

- Programmed an Alexa Skill to allow Michigan students to explore the menu at different campus dining halls.
- Utilized Amazon Lambda, Alexa Skills Kit, and Flask-Ask in order to develop the skill.

OPTWAIT | HTML, CSS, PYTHON | SUMMER 2018

- Developed a web application intended to help frequent flyers minimize their wait time at the airport.
- Application was made using Bulma framework for the front-end and Flask for the back-end.

SUBSTOP | HTML, CSS, JS, PYTHON | SPRING 2018

- Created a Google Chrome extension that alerts users to unused subscriptions by using Capital One's Nessie API and browsing history.
- Developed an API service using Python (Flask) and utilized Amazon EC2 and Elastic Beanstalk for deployment and Amazon S3 for data storage.

PIAZZA POST CLASSIFIER | C++ | FALL 2017

- Developed an application that uses natural language processing and machine learning techniques to identify the subject of posts on Piazza.
- Program accurately identified the subject of the posts made online 87% of the time.

MICROARCADE | ARDUINO, C | SPRING 2017

- Programmed fully working renditions of Tetris and Space Invaders.
- Utilized C and an Arduino microcontroller in order to allow the user to play these games on external hardware.