

Ishaan Chawla

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EDUCATION

Pace University, Seidenberg School of Computer Science and Information Systems

New York, NY

Master of Science (M.S.) in Computer Science | **GPA: 3.86**

January 2022

Shaheed Bhagat Singh State Technical Campus

Ferozpur, India

Bachelor of Technology (B. Tech.) in Computer Science | **GPA: 3.33**

July 2019

RELEVANT COURSEWORK

Algorithms & Computing Theory | Parallel & Distributed Computing | Python Programming | Computer Science Project 1 | Concepts & Structures of Internet Computing | Mobile Application Development

TECHNICAL SKILLS

Programming Languages: Python, Java, JavaScript, C++, HTML, CSS, ReactJS, React Native, Nodejs, ExpressJS, Data Structures & Algorithms

Operating Systems: Windows (Xp, Vista, 7, 8, 10), Linux, Mac OS X

Database: MySQL, Microsoft SQL Server, MongoDB

Certifications: Passed LinkedIn Skill Assessment for C, Java, MySQL, Python, ReactJS, Nodejs, HTML, CSS, MongoDB, Object-Oriented Programming (OOP), JavaScript

WORK EXPERIENCE

Shoptaki Inc. as Software Engineer Intern

February 2021 - Present

- Developing, managing, and expanding features for Smart chain/ Smart ID system.
- Research and development of platform system spanning from web and mobile.
- Creating and implementing technology products and systems.
- Following standard practices and procedures in analyzing situations or data.
- Performing software quality assurance testing and participate in code reviews.

ACADEMIC PROJECTS

Website Scraping

December 2020

- Collaborated with a team of 4 to extract relevant information from multiple websites using Python libraries Scrapy, BeautifulSoup (BS4), and Spider in order to create Scraper and Crawler.
- Extracted data using Scrapy with XPath selectors from various websites to get abstract information.
- Extracted and stored user data in MongoDB database using library Pymongo to be utilized for data analysis.
- Compiled the completed application over a cloud platform using Heroku and implemented Slack API to send users notifications when compilation is completed.

eLearn

May 2020

- Collaborated with a team of 3 to develop a cross-platform mobile application using React Native to help students learn online.
- Implemented Google Firebase as a real time database to connect the backend to frontend of the application.

Stock Market Prediction Model

December 2020

- Developed stock market prediction model using scikit learn for various stocks listed under NASDAQ.
- Implemented various data analysis and data visualizations techniques to plot data of the stock market.
- Tested model cross validation with primary prediction model to compare model's prediction accuracy.

ADDITIONAL TRAINING

Techsquare Solutions Pvt. Ltd

Data Structures & Algorithms

December 2016

- Utilized data structures and algorithms skills in programming language Java to solve programming assignments

Core and Advanced Java

March- July 2017

- Learned skills in programming language Java and utilized the knowledge to complete a job automation system in java.
- Learned advanced skills in programming language Java and utilized the knowledge to complete a Chat Server to send messages directly between 2 users connected to the same network.

- Expanded the chat server project to develop a social networking website i.e. Keep Connected.

Python

March 2018

- Learned advanced skills in programming language Python and utilized the knowledge to develop an image similarity capturer in python to detect similarity between 2 images.