**Ishaan Chawla**

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**EDUCATION**



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| --- | --- |
| **Pace University, Seidenberg School of Computer Science and Information Systems** | **New York, NY** |
| Master of Science (M.S.) in Computer Science | **GPA:** 3.79 | January 2022 |
| **Shaheed Bhagat Singh State Technical Campus** | **Ferozepur, India** |
| Bachelor of Technology (B. Tech.) in Computer Science | **GPA:** 3.33 | July 2019 |

**RELEVANT COURSEWORK**



Algorithms & Computing Theory| Parallel & Distributed Computing| Python Programming| Artificial intelligence| Mobile Application Development| Data Mining| Computer Science Project 1| Computer Science Project 2

**TECHNICAL SKILLS**



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| **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** |  |  |
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| **Amazon Web Services Inc. as Software Development Engineer** | | March 2022 – June 2022 |

* Work in a Scrum/Agile environment to plan and estimate work at different levels like story, sprint, and release.
* Worked on Aws Console recommendation system to remove the unused API’s and setting it to new recommendations programs to which increased recommendations for AWS resource optimizations to customers by 50%. Work in a Scrum/Agile environment to plan and estimate work at different levels like story, sprint, and release.
* Created new Aggregate alarm to raise tickets of daytime sev 2.5 for passing the error threshold in AWS CloudWatch which reduced the error rate by 65%.
* Collaborated with AWS compute optimizer team to solve ticket and find the root cause of the errors generated in AWS CloudWatch.

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| **Shoptaki Inc. as Software Engineer Intern** | February 2021 – May 2021 |

* Full stack application development by coordinating requirements & activities of software programming to develop a Customer Smart chain KYC system using Python, React, Redux, Material UI.
* Participated in the architecture, design and deployment of client, server application.
* Implement improvements in the design of existing software architecture.
* Design and conduct tests for the software to strengthen quality and functionality of application.

**ACADEMIC PROJECTS**



**Website Scraping** December 2020

* Collaborated with a team of 4 to extract relevant information from multiple websites using Python libraries Scrapy, Beautiful Soap (BS4), and Spider 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.

**Jobster** January 2021

* Collaborated with a team of 6 to develop a cross-platform progress web application to help job seekers for better job exploration.
* Designed and developed backend using React.js, React native and backend with Node.js.
* Implemented Google Cloud SQL 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.

**Awards & Achievements**



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| --- | --- | --- |
| ● SUSE Cloud Native Scholarship | | June 2020 |
| ● | Intel Edge AI Scholarship | December 2019 |
| ● | Google India Challenge Scholarship | February 2018 |

**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.