Ikshita Yadav

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EDUCATION

3B,Bachelors of Computer Science And Minor in Economics 09/2019 – 04/2024
University of Waterloo Waterloo, Canada
Relevant Courses: Algorithms, Operating Systems, Introduction to Data Base Management System, User
Interfaces, Data Structures & Data Management, Foundation of Sequential Programs, Object-Oriented Software
Development, Logic & Computation, Computer Organisation & Design, Elementary Algorithm Designs and Data
Abstraction, Designing Functional Programs, Statistics and Combinatorics

SKILLS

Languages and Databases *(Java, Python, Shell, C++, C, R, HTML, CSS, JavaScript, Racket, SQL, Pandas, MongoDB, Kotlin, JavaFx)*

Frameworks *(Node.js, Bootstrap, Angular, JQuery, React.js, Flutter)*

Tools and OS *(Windows, Linux, Shell, Ubuntu, Matlab, AnacondaNavigator, VsCode, Git, Github)*

PROFESSIONAL EXPERIENCE

Development Operations Specialist 05/2021 – 08/2021
Pillar To Post Head Office Toronto, Canada
- Contributed to the automation of the regression and smoke tests by laying down a foundation in python and selenium which lets the user add new, delete and modify tests in the script saving the company 100+ hours per update.
- Automated the process of logging in and booking inspections with all the relevant details saving the company 4-14hrs per day using Selenium and Python.
- Found and investigated several (30+) bugs and documented them thoroughly explaining why they were reproducible or what was causing them.

Data Analyst & Cyber Security 07/2019 – 08/2019
Innefu Delhi, India
- Modified the nomenclature of data fields of Prophecy, an AI & ML based product as per user requirement.
- Analyzed data and fed inputs in ML algorithm of Prophecy for better results.

Junior Software Developer 05/2019 – 06/2019
Indian Institute of Technology Delhi Delhi, India
- Developed an extension to the clock-in system of the lab that analyzed the data of the late
comers and presented it visually on the dashboard using Python and its libraries.

Junior Software Developer 05/2018 – 06/2018
Prismberry Technologies Ltd. Delhi, India
- Worked with large volume of data and extracted important information through invoices
and emails
- Completed inventory management and created time sheets using excel

PROJECTS

Eform
- Website that's manages the electronic signing of the required forms.
- Used DocuSign eSignautre API(embedded signing process), Flask, Jinja2 templates, HTML, CSS, Bootstrap, shell and Python.

Sentiment Analyzer
- An AI model that predicts the sentiments of the reviews fed to it in a database
- Used google colab, nltk, sklearn and pandas library.I was responsible for cleaning the data and feeding it to the AI model and come up with algorithms to reach peak (75% in our case) efficiency.

COVIED
- Website that informs/educates about COVID-19 (HTML, CSS,Bootstrap JavaScript)
- Used APIs to update real-time data to the website regarding the number of cases in different countries

Straights
- A multiplayer cards game
- Uses concepts of Object Orientational Programming, Design Patterns, UML, inheritance, polymorphism, observers, decorators etc.

CERTIFICATES AND AWARDS

The Complete Web Development Bootcamp (Udemy)

'The Girl Who Code'
Harvard Women in Computer Science at Harvard University

Deans Honor List X 2

Code in less (synergy 2.0)
Secured 2nd position in 'Codein less' at Delhi Technological University

Google IT Support Professional Certificate (pursuing)

Splash - Mathematics,Computer Science and ArtificialIntelligence
Massachusetts Institute of Technology, Boston

Excellent standing x 5

Scholarship at UW
$17,000

Modern Web Scraping with Python (Udemy)(pursuing)

'Girls Only Leadership Development Program
GOLD' YWCA Cambridge and the Office of Cambridge City Councilor

Technoxian
Designed battle and obstaclecourserobots and participated in Technoxian-2018.