Neil Chawla

Mobile and Web application development enthusiast pursuing a Master's Degree in Computer Science

Greater Chicago Area

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EXPERIENCE

University of Illinois, Chicago IL — *Graduate Teaching Assistant*

AUGUST 2021 - NOW

- Conducted teaching assistant duties such as mentoring and grading
- Tutored students over multiple office hour sessions each week
- Supervised and evaluated lab sessions each week

UIC Tech Center, Chicago IL — *Apple Service Technician*

SEPTEMBER 2019 - AUGUST 2021

- Troubleshooted, repaired, and restored defective devices with a high success rate
- Designed concise and detailed documentation of technical issues on customer devices
- Extensively trained new and existing employees
- Coordinated with Apple on repair escalations and repair part orders

Hewlett-Packard Summer Scholars, Chicago IL

June 2020 – July 2020

- Engaged in a 6-week program focused on developing business and professional skills
- Interacted with industry experts to better understand the workings of businesses across the ecosystem
- Discussed technology and innovation drivers in the current market to identify future trends

Adidas, New Delhi IND — *eCommerce Analytics Intern*

MAY 2019 - JULY 2019

- Examined local eCommerce markets and identified end-to-end omnichannel solution providers to drive sales growth
- Analyzed market growth statistics and prepared reports highlighting areas of improvement

EDUCATION

University of Illinois
Master of Science in Computer Science

AUGUST 2021 - MAY 2023 (EXPECTED)

GPA: 4.00/4.00

University of Illinois
Bachelor of Science in Computer Science

AUGUST 2017 - MAY 2021

Honors: Cum Laude (GPA: 3.58/4.00)

SKILLS

Python (Pandas, Numpy, sci-kit learn, Matplotlib) · Data Analysis & Visualisation · Data Cleaning · SQL · Machine Learning · JAVA · Android App Development · HTML/CSS · MS Office Suite

RELEVANT COURSEWORK

Data Structures · Big Data Visual Analytics · Database Management Systems · Algorithms · Secure Web Development · Computer Vision · Software Design · Calculus I–III · Linear Algebra · Probability

INTERESTS

Data Analytics · Machine Learning · Gaming · Soccer

PROJECTS

FootWiz: Soccer Dashboard — *ExpressJS*
A full-stack web application sourcing data from a RESTFul API to present an interactive soccer dashboard. Implements web security features and authentication using Passport.js

Chicago Shadow Map Plot — *Angular*
Web application visualizing the spatial distribution of accumulated shadows per season of the year in Chicago on a map

Airbnb Exploratory Data Analysis — *Python*
Data Analysis on Airbnb listing datasets examining the relationship between neighborhoods and average prices of rentals

COVID-19 Tracker — *C#, SQL*
Web application implemented using .NET and SQL that visualizes coronavirus data to gather insights on virus progression trends

Comic Book Text Translator — *Python, OpenCV*
Computer vision project to detect text from comic book images using OCR text detection and convert it to a language of the users' choice

Car Dealership — *Java*
Android application providing a gallery of car images, along with car manufacturer and nearby dealership information

CERTIFICATIONS

Apple Certified Macintosh Technician, Chicago IL
JULY 2020
- Completed coursework required to perform technical repairs on Apple devices
- Technician ID: 020CA76EB3

JP Morgan Chase Software Engineering Virtual Experience Program, Chicago IL
JUNE 2020 - JULY 2020
- Completed the open access Software Engineering Program
- Worked on the stock price data feed interface using JP Morgan Chase frameworks and tools to display data visually

LANGUAGES

English, Hindi