

# Manaswini Aitha

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## EDUCATION

### Masters Program in Computer Science

Dec 2023 | Chicago, United States

*The University of Chicago*

- Courses: Algorithms, Python Programming, Databases, Cloud computing, IOS Development, Computer Security, Applied Data Analysis, Distributed Systems, Human Computer Interaction

### Bachelor of Technology in Electronics and Communication Engineering

May 2020 | Nagpur, India

*Visvesvaraya National Institute of Technology*

- Courses: Concepts of Operating Systems, Digital Logic Design, Microprocessors and Interfacing, Hardware Description languages, Embedded Systems

## SKILLS

- Programming languages: C, C#, Java, Python, Swift
- Web technologies: HTML, CSS, Angular, Javascript, React, Typescript
- Databases: SQL, Redis, MongoDB, Elastic Search
- Cloud technology: AWS
- Other skills: Machine Learning, Maven, Spring framework, HTTP, .NET, Node.js, Figma, TDD, Git, Agile, Linux, MATLAB, Informatica, Docker

## CERTIFICATES

**Supervised Machine Learning: Regression and Classification - Stanford and DeepLearning.AI** 🌐 (Studied a broad overview of Machine Learning along with Supervised and Unsupervised learning)

## WORK EXPERIENCE

### Full Stack Developer(Part-time)

Sep 2022 – present | Chicago, United States

*The University of Chicago, Booth School of Business*

- Developing interactive websites that communicate research work of Professor Sendhil Mullainathan, using Angular and Python, thereby increasing the reach of the work by **more than 50 percent**.
- Developing interactive survey websites that ease the data collection from participants by **more than 70 percent**.

### Software Engineer-Application Development(Full-time)

Dec 2020 – Jul 2022 | Bangalore, India

*Societe Generale Global Solution Centre*

- Developed download functionality on GUI to download the regulatory reports with latest data, thereby decreasing the delay in report validation process by **more than 80 percent**.
- **Automated** the report submission process by developing email functionality on GUI which emailed the reports directly to the respective regulatory thereby reducing the manual intervention by **more than 90 percent**.
- Built widgets which are **graphical representations of data**, using JavaScript and .NET for FIRDS which made data analysis easier for the users.
- Developed and automated the process of data extraction from **smart API** using Python and loading the data into SQL using Informatica which reduced the delay in report generation by **more than 90 percent**.

## PROJECTS

### UNDERSTANDING FACES-THE FACES EFFECT

- Developed a website that describes the research topic of Professor Sendhil Mullainathan on the impact of facial bias in crime investigation.
- Implemented interactive features using slider and button to dynamically change the content on the website thus communicating the work effectively.
- Link to the website: <http://faceeffect.s3-website.us-east-2.amazonaws.com/home> 🌐

### FACES SURVEY

- Built an interactive survey website that collects responses from participants by simulating real-world situations using images and timer.
- Link to the website: <http://faces-survey-4.s3-website-us-east-1.amazonaws.com/> 🌐

### TIC-TAC-TOE - IOS Application

- Built a user interactive Tic-Tac-Toe game application for two players using Swift, Objective C and Xcode for IOS devices.

## LEADERSHIP EXPERIENCE

- Worked as Training and Placement Secretary for 100 students in Electronics and Communication Engineering department at VNIT, Nagpur from 2018-2020.