

# Mayank S. Jha

COMPUTER SCIENCE · SOFTWARE ENGINEER · WEB DEVELOPMENT

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## Education

### University at Buffalo

B.S. IN COMPUTER SCIENCE

Exp : May 2021

- Relevant Courses : Data Structures, Algorithms, Probability, Linear Algebra, Web Development, Theory of Computation, Programming Languages, Artificial Intelligence\*

## Experience

### Amazon

Seattle, WA (Virtual - COVID-19)

SOFTWARE DEVELOPMENT ENGINEER INTERN

May 2020 - Aug 2020

- Built an end to end workflow needed to automate and achieve data privacy regulation compliance (GDPR, CCPA, etc.) for the team. The product was then made available for other teams to adopt/use.
- Developed the first in-place solution for GDPR and CCPA requests.
- Provided an SLA of 1 day from the workflow's standpoint.

### University at Buffalo

Buffalo, NY

TEACHING ASSISTANT

Aug 2018 - Present

- Meet with instructors to discuss course progress and provide feedback, grade examinations and assignments.
- Conduct labs, recitations and office hours to assist students with programming theory in JS, Python, and Scala.
- Assist over 50 intro level students every semester as their primary TA.

### UB Hacking

Buffalo, NY

WEB DEVELOPER

Jun 2020 - Present

- Maintained and assisted the development of the UB Hacking website using Django.
- Wrote a discord bot in python using discord.py as the communication platform for over 400 hackers.
- Discord bot featured user verification, Q&A, team building, and event check-ins. User progress was tracked for rewards.

## Projects

### Personal Website

PERSONAL

May 2020

- CRUD Based personal website/portfolio to showcase my experience and make changes dynamically.

### FaceGram

COURSE PROJECT

May 2020

- Social media website where users can create accounts and profiles, upload images, like, comment, and follow other users and chat with them through private messaging.

### Sketch It

PERSONAL

Nov 2019

- Submission for UB Hacking 2018. Placed 3rd overall.
- Real-time canvassing and messaging application. Integrated with Google Cloud OCR for handwriting recognition.

### Interpreter

COURSE PROJECT

May 2020

- Interpreter for a simple stack-based language in OCaml.

## Skills

### Programming

Python, Javascript, Scala, C++, Java, OCaml

### Other

Django, Node.js, Express.js, Redux, React.js, HTML5, CSS, MongoDB, PostgreSQL, Git, Apache Spark, AWS, Heroku, SQL

## Awards

2019 **3rd Place**, UB Hacking

Buffalo, NY

2017 **International Student Merit Scholarship**, University at Buffalo

Buffalo, NY