

Tuhina Dasgupta

📍 Washington, DC

✉️ tuhinad@gmail.com

🔗 Portfolio

🐙 Github

in LinkedIn

Education

George Washington University,
B.S. Computer Science, Minor in Bioinformatics

08/2017 – 05/2021

Washington, DC, United States

Relevant Coursework: Computer Architecture, Systems Programming, Mobile App Development, Databases, Algorithms, Operating Systems, Networking & Distributed Systems, IoT: Systems & Security

Campus Involvement

GW Women's Soccer,
D1 Student-Athlete

08/2017 – 05/2020

Washington, DC

- Developed excellent time management skills from balancing a 30+ hour practice, training, competition, and travel schedule, in addition to academics

Skills

Java	● ● ● ● ●
C	● ● ● ● ●
HTML/CSS/JS	● ● ● ● ●
Python	● ● ● ● ●
Git	● ● ● ● ●

Professional Experience

Microsoft, Software Engineer Intern

06/2020 – 08/2020 | Remote

GW SEAS Computing Facility, Developer & Lab Technician

01/2020 – 05/2020 | Washington, DC

- Developing 3D printing tracker Python (Flask) web app on a team of 2
- Run a series of Raspberry Pi and Arduino workshops on a semesterly basis
- Resolve technical issues within the engineering buildings
- Manage and maintain laboratories and equipment for student and faculty use

MobileODT, Software Engineer Intern

06/2019 – 08/2019 | Tel Aviv, Israel

- Helped develop the web portal used by healthcare providers using Typescript and React
- Added Storybook to the portal and future designers will be able to visualize existing reusable components and design new ones
- Worked within an Agile team, completing tasks in sprints and Jira tasks; Had code reviews using Github PRs

Selected Projects

GWelp, Kotlin - Mobile App Development

- An Android app that uses the Yelp API and parses a JSON document to let the user know the closest highly rated restaurants (on meal plan) to DC landmarks

Chat Server, Java - Software Engineering

- A multithreaded server that supports multiple client connections and allows communication among clients through text messages

Tour de DC, RShiny - Hippo Hacks '19

- Created an app within an 11-hour time limit utilizing Rshiny, Google API, Mapbox, and Capital Bikeshare API.
- The app helps you find your closest Bikeshare location with live information on how many available docks and bikes are at that location
- Recommends curated things to do within the area depending on your selected preferences.

Awards

GWU Hippo Hacks '19 Winner

04/2019

GWU Data Analytics Hackathon (12 Hour)

Pearl Hacks '19 Metlife Most Impactful Hack,

UNC Chapel Hill Pearl Hacks & Metlife

02/2019