Tuhina Dasgupta

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Education

08/2017 – 05/2021 Washington, DC, United States	**George Washington University,** *B.S. Computer Science, Minor in Bioinformatics* *Relevant Coursework:* Computer Architecture, Systems Programming, Mobile App Development, Databases, Algorithms, Operating Systems, Networking & Distributed Systems, IoT: Systems & Security

Work Experience

06/2020 – 08/2020 Seattle, WA	**Microsoft,** *Software Engineer Intern*
06/2019 – 08/2019 Tel Aviv, Israel	**MobileODT,** *Software Engineer Intern* • 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
01/2020 Washington, DC	**GW SEAS Computing Facility,** *Developer & Lab Technician* • Developer on a team of 3 creating a Flask web app to streamline 3D print management • Resolve technical issues within the engineering buildings; Manage and maintain laboratories and equipment for student and faculty use • Run a series of Raspberry Pi and Arduino workshops on a semesterly basis

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
• Also, it recommends curated things to do within the area depending on your selected preferences.

Campus Involvement

08/2017 – present Washington, DC	**GW Women's Soccer,** *D1 Student-Athlete* • Developed excellent time management skills from balancing a 30+ hour practice, training, competition, and travel schedule, in addition to academics
12/2018 – 08/2019 Washington, DC	**Hackital Planning Commitee,** *CS Dept. Liaison & Logistics* • Helped plan and run an MLH sponsored hackathon during the spring semester • Conducted a git and command line workshop for first-time hackers

Skills

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

Awards

04/2019	**GWU Hippo Hacks '19 Winner** GWU Data Analytics Hackathon (12 Hour)
02/2019	**Pearl Hacks '19 Metlife Most Impactful Hack,** *UNC Chapel Hill Pearl Hacks & Metlife*