# DIVYA GUPTA

guptaxdivya@gmail.com | 443-824-0261
dgupta18.github.io | linkedin.com/in/divyagupta18

## EDUCATION

**University of Maryland, College Park, MD**　　　　　　　　　　　　　　　**May 2021**
Bachelor of Science, Computer Science | Minor in Spanish and Mathematics　　　　**GPA: 3.897**
*Honors College: Design, Cultures, and Creativity Program*
**Relevant Coursework:** Data Structures, Algorithms, Full-Stack Web Development (Node.js), Artificial Intelligence, Programming Handheld Systems, Principles of Software Development, Discrete Math, Statistics & Probability, Linear Algebra

## SKILLS

**Languages (Tech)**:  Java, JavaScript, HTML5, React, TypeScript, CSS, C, Python, Rust, Kotlin, jQuery, Git, Unix CLI, Gitlab CI
**Tools:**  Adobe XD, Figma, Adobe Illustrator, Adobe Photoshop, Jira, Agile/Scrum, Microsoft Office
**Languages (Spoken)**:  English, Hindi, Spanish

## EXPERIENCE

**MongoDB,** *Software Engineering Intern*　　　　　　　**New York | June 2020 – August 2020**
- Implemented a full-stack system using **React** & **Java** to allow users to give feedback on suggested MongoDB database indexes, allowing MongoDB to better tailor its index suggestions for all 22,000+ users
- Revamped UI for 4 real-time metrics **d3** charts on database usage to allow users to pause, scrub, and examine data over a 60-second period using **JavaScript, HTML, React,** and **Backbone**

**NASA Goddard Space Flight Center,** *Software/UX Intern*　　　**Greenbelt | June 2019 – August 2019**
- Gathered user research on 10 scientists and students to redesign NASA's public Earth Science Data website using **Adobe XD** and implement a visual search interface instead of a text-based search interface
- Prototyped a visual search of Earth Science data using video input, **HTML, CSS, JS,** and a **Leaflet.js** map to form a search query

**Potluck Design,** *Freelance Software Developer*　　　　　**College Park | June 2019 – Dec 2019**
- Developed responsive websites for 2 clients using **HTML5, CSS, JavaScript, and jQuery**, iterating on designs bi-weekly
- Implemented headers, client project pages, Google Maps functionalities, and image galleries with **Bootstrap** features

**Iribe Initiative for Diversity in Computing,** *Ambassador*　　**College Park | January 2019 – Present**
- Teach STEM & computing principles during weekly outreach to neighboring middle schools, create lessons each week
- Craft digital marketing materials and host community-building programs at UMD to promote diversity in Computer Science

**Johns Hopkins Applied Physics Lab,** *Software Engineering Intern*　　**Laurel | September 2016 – August 2018**
- Added 3 dashboard UI functionalities for image analysis to photo analysis software with **AngularJS, HTML/CSS, Bootstrap**
- Extracted and analyzed user activity/data from Twitter and Facebook using **Python** and REST APIs in JSON, XML, CSV formats

## ACTIVITIES & LEADERSHIP

**Technica (World's Largest All-Women/Nonbinary Hackathon)**  *Director: Experience Team*　　**2019 – Present**
- Lead and organize mini-events for 200 hackers, team bonding events for 80 organizers, and website interactivity for 1250 users
- Manage ordering and distribution of swag to 950 total hackers, 100 sponsors, and 100 mentors & volunteers

**Design Cultures, and Creativity Honors College**  *TA and Distinguished Alumni Instructor*　　**2017 – Present**
- Develop curriculum with professor, supervise class discussions, and grade work of 60 students
- Created materials for and taught a two-day workshop on hand-lettering and design principles for 15 students

## KEY PROJECTS

**[Web] Playlist Forum**  (HTML, CSS, JavaScript, HandleBars.js, Express)
- Web application that allows users to browse, add, and search through playlists by keyword search or random feature

**[UX] App for Cultural Awareness**  (Adobe XD)
- Built an MVP for a story-based app to expose native English speakers to cultural barriers acculturation for non-native speakers

**[Android] Green Space Audit App**  (Kotlin, Firebase, Google Maps SDK)
- Android application that allows users to explore green spaces around them, check in, leave reviews, get points, and add spaces

## AWARDS & RECOGNITION

**Banneker/Key Scholar** at UMD *(awarded to top 2% of applicants)*　　　　　　　**2017 – Present**
2019, 2020 **Grace Hopper Scholarship** by the Iribe Initiative for Diversity & Inclusion in Computing　　**2019, 2020**