

# DIVYA GUPTA

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## EDUCATION

**University of Maryland, College Park, MD**

**May 2021**

Bachelor of Science, Computer Science | Minor in Spanish and Mathematics

**GPA: 3.90**

*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

**Technical:** Java, JavaScript, HTML5, React, CSS, C, Python, Rust, Kotlin, jQuery, Git, Unix CLI, Gitlab CI, Microsoft Office

**UI/UX/PM:** Adobe XD, Figma, Adobe Illustrator, Adobe Photoshop, Digital Marketing, Agile/Scrum, User Research

**Languages:** English, Hindi, Spanish

## EXPERIENCE

**MongoDB, New York** *Software Engineering Intern*

**June 2020 – August 2020**

- Updated 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**
- Built a full-stack feedback system project for suggested indexes to users using **React**, **HTML**, **JavaScript**, and **Java**

**NASA Goddard Space Flight Center, Greenbelt** *Software/UX Intern*

**June 2019 – August 2019**

- Gathered feedback and redesigned Earth Science Data website using **Adobe XD** to implement visual search interface
- Delivered prototype of visual search of Earth Science data using video input, **HTML**, **CSS**, **JS**, and a **Leaflet.js** map to form a query

**Potluck Design, College Park** *Freelance Software Developer*

**June 2019 – Present**

- Develop responsive websites for clients using **HTML5**, **CSS**, **JavaScript**, and **jQuery** (2 websites fully developed)
- Implement headers, client project pages, Google Maps functionalities, and image galleries with **Bootstrap** features

**Iribe Initiative for Diversity in Computing, College Park** *Ambassador*

**January 2019 – Present**

- Provide weekly STEM & computing principles outreach to neighboring middle schools, create lessons each week
- Create marketing materials and host community-building programs at UMD to promote diversity in Computer Science

**Johns Hopkins Applied Physics Lab, Laurel** *Software Engineering Intern*

**September 2016 – August 2018**

- Added 3 dashboard UI functionalities to a photo analysis software using **AngularJS**, **HTML/CSS**, and **Bootstrap**
- Used **Python** to extract & analyze data using REST APIs for Twitter, Facebook, and Reddit in JSON, YAML, XML and CSV formats

## ACTIVITIES & LEADERSHIP

**Technica (World's Largest All-Women/Nonbinary Hackathon)** *Director: Experience Team*

**2019 – Present**

- Organize and lead mini-events for 200 hackers, team bonding events for 80 organizers, and website interactivity
- Manage ordering and distribution of swag to 900 hackers and 100 sponsors at world's largest all-women/nonbinary hackathon

**Design Cultures, and Creativity Honors College** *TA and Distinguished Alumni Instructor*

**2017 – Present**

- Contribute to curriculum development, supervise class discussions, and grade work of 60 students
- Created materials for and taught a two-day workshop on 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**) – DCC Capstone

- 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**

2018 **Technical Excellence Award** from the JHU Applied Physics Lab

**2018**