

# GAURAV SHARMA

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## EDUCATION

**University of Maryland** – B.S. Computer Science, 3.5 GPA

May 2021

- Dean's List
- Multiethnic Academic Excellence Award
- College of Computer, Mathematical, and Natural Sciences Academic Honors
- Courses: Algorithms, Introduction to Data Science, Discrete Structures

**Lakeside School** – Seattle, WA

June 2017

- Washington State Honors

## EXPERIENCE

**Tableau** – Software Engineer Intern

May - Aug 2019

- Built UI widgets to improve flow pane usability in Tableau Prep by reducing multi-step processes into single interactions
- Implemented comprehensive jasmine-enzyme unit tests to mock component rendering and test individual pieces of functionality

**Mercerworks Landscaping** – Full Stack Web Developer

July 2017 - Jan 2018

- Developed company website from ground up utilizing HTML, PHP and CSS
- Created and managed an organized and secure database with MySQL

**Droneseed** – Software Engineer Intern

June - July 2017

- Wrote Python scripts for gathering and analyzing large volumes of topographical data
- Responsible for creating visualizations, conducting market research, and identifying potential clients

## PROJECTS

**WeFUN**

- Designed and developed an iOS mobile application allowing users to find and share local social events
- Made app using Agile development methodology and automated past event removal with Python

**Banana Basket**

- Created an iOS and Android mobile game using C# and Unity
- Received 250+ downloads across both platforms

**Gaussian Elimination Solver**

- Programmed a function that solves linear systems via Gaussian elimination without pivoting

## SKILLS

**Languages** – C, TypeScript, Java, OCaml, Ruby, Python

**Technologies** – React, Redux, Git, Tableau, Arduino, MySQL

## ACCOMPLISHMENTS

**Patent Pending**

- Designed proprietary GPS module technology to locate avalanche victims faster
- Presented technology to industry leads at a conference with the Northwest Avalanche Center

**Guinness Book of World Records Inductee**

- Broke the world record for *Fastest Time to Type a Text Message on a Touchscreen Mobile Phone*