

EDUCATION

- **University of Maryland - College Park** College Park, MD
Bachelor of Science in Computer Science; GPA: 3.94
Aug. 2018 – Present
- **University of California Davis (Freshman Year)** Davis, CA
Bachelor of Science in Computer Science; GPA: 4.00
Sep. 2017 – June. 2018

EXPERIENCE

- **University of Maryland - College Park** College Park, MD
Teaching Assistant
January 2019 - Present
 - **Office Hours:** Working as a Teaching Assistant for course CMSC132 - Object Oriented Programming II. Responsibilities include holding office hours for students.
- **Indian Institute of Technology - Kanpur** Kanpur, India
Software Engineering Intern
June 2018 - Aug. 2018
 - **Android Studio:** Worked with Android Studio to develop an Android App for Brihaspati 3.0, which is an open source learning-based platform, and learned about it's basic features and functionality during my internship.
 - **HTTP Protocol:** Learned about HTTP protocol and implemented client-server communication based on HTTP requests using Java libraries.
 - **Apache Tomcat:** Worked with Apache Tomcat on server side. Tasks included debugging server side programs.
- **Space and Satellite Systems** Davis, CA
Chair of Website Committee
Oct. 2017 - June 2018
 - **HTML and CSS:** Worked extensively with HTML and CSS. Built and designed several web pages for the organization. Learned about screen-size responsive layouts and implemented HTML pages for different screen sizes using CSS features.
 - **Git:** Worked with online repositories using Git version control.
 - **Bootstrap:** Worked with Bootstrap framework for implementing dynamic buttons, scroll bars, and carousels.
- **CS Tutoring Club** Davis, CA
Tutor
Jan. 2018 - April 2018
 - **C Programming:** Tutored students at University of California Davis during winter quarter for ECS 30 - C Programming.
 - **Discrete Math:** Tutored students at University of California Davis during winter quarter for ECS 20 - Discrete Mathematics.

PROJECTS

- **Bitcoin Rate App:** Developed an Android App that allows users to view real-time Bitcoin price in desired currency using an API.
- **Arcade Games:** Developed games such as Black Jack, Tetris Clone, and Monopoly using JavaFX GUI with backend in Java and C++.

SKILLS

- Java, C++, C, Python
- RESTful APIs, HTTP Protocol, JSON, XML
- HTML, CSS, Bootstrap
- Android Development
- UNIX Command Line, BASH Shell Scripting, x86 Assembly
- Object Oriented Programming
- Data Structures
- Agile Methodology
- Testing and Debugging - JUnit, GDB,DDD
- Familiar with Ruby