

## Priyanka Balaji

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### EDUCATION

B.S. Computer Science, Virginia Tech, Blacksburg, VA

Expected graduation: Dec 2023, GPA: 3.74

### RELEVANT EXPERIENCE

#### **System Software Validation Engineer Intern at Intel Corporation** **May 2022 – July 2022**

- Used **pythonsv**, **CPUIDTool**, **TTK3** tools to help debug sightings for Intel's upcoming MTL processor.
- Identified bugs and interacted with product team to verify product expectations.
- Recorded meeting notes during weekly sync meetings.

#### **Onymos Inc, San Francisco, CA** **IT Intern** **June 2021 – July 2021**

- Worked on creating a customer login interface on the Onymos website. using **Wordpress**, **HTML** and **CSS**.
- Collaborated with the development team and performed quality assurance on the Onymos website and fixed some of the UI bugs.

#### **Undergraduate Researcher, Blacksburg, VA** **Jan 2022 – Present**

- Researching on AI and Human produced disinformation.
- Writing modules on Twitter and general disinformation.
- Developing the website platform for the Tech4Humanity Lab.

### SKILLS & TOOLS

- JAVA, Python, C, SQL, Linux
- Wordpress, HTML, CSS
- Agile, JIRA
- Eclipse, Microsoft Office, Adobe Photoshop, Visual Studio, Github

### PROJECTS/ASSIGMENTS

- Worked on **Machine Learning Python** program to classify flowers on sepal and petal widths. Used K-nearest neighbors, decision tree, support vector classification and MLP classifier models and output the best model with an accuracy score.
- **C program** to perform file operations and complex computations.
- **JAVA** program to parse data and output UI graphs. Developed multiple UI based JAVA game programs.

### COURSES

- **Intro to AI, Intro to GUI, Computer Systems (In progress)**
- Software design, Data structures and Algorithms
- Introduction to problem solving in CS
- Introduction to Computer Organization 1,2
- Java, Python and C programming

### AWARDS & HONORS

- VT Dean's List (2020-2022)
- Honor Roll at Freedom HS (2018-20), Math Honor Society (2019-2020), Art Honor Society (2019-2020)
- Letter of Commendation from National Merit Scholarship (2019)