

# Rithvik Dinesh

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## EDUCATION

### University of Central Florida

*Bachelor in Computer Science Honors — Minor in Business — GPA: 3.94*

Orlando, FL

*Aug. 2020 – May 2024*

## EXPERIENCE

### Software Engineer Intern

May 2023 – August 2023

*Amazon Web Services (AWS)*

*Seattle, WA*

- Developed frontend using AWS design components to improve user experience (React, TypeScript)
- Configured API's for AWS Cloudwatch with AWS Cloud Development Kit for deployment and CI/CD
- Collaborated with leadership and UX to validate tests resulting in an increased logging performance

### Software Engineer Intern

June 2022 – August 2022

*Verizon*

*Tampa, FL*

- Created an automated testing framework and integrated it with GitLab CI/CD (Mocha, Chai, Node.js)
- Designed different code components to allow SIT/UAT/Regression testing of frontend and backend
- Composed testing configurations and tests for the Verizon ASPN platform
- Improved the reliability of functional features with over 542 monthly hours avoided in testing

### Testing Intern

June 2021 – August 2021

*Infinite Sweeps (Startup)*

*Gainesville, FL*

- Developed code to validate incoming stock data and perform error/exception handling (Java)
- Generated KPI reports and aided in the design of the website to display real-time stock trading data
- Increased platform engagement by 20% based on new designs

## PROJECTS AND ACTIVITIES

### President | *Computer Star Foundation*

August 2020 – Present

- Conducted numerous camps and events in STEM for youth participants
- Collaborated with partners to generate new sponsorships and workshops
- Guided strategy discussions for new opportunities

### Stock User | *JavaScript, HTML5, Python, CSS, Git*

August 2020 – June 2022

- Generates information on specific stock performance for the user
- Explored methods to find opportunities based on technical analysis

### Institute of Electrical and Electronic Engineers | *Python, Git, AutoCAD*

January 2021 – November 2021

- Assisted in the research for the structure of a disinfection robot
- Implemented code for parts of the disinfection robot

### Personal Website | *JavaScript, HTML5, React, CSS, Git*

November 2021 – Present

- Created a website to showcase accomplishments and projects
- Experimented with multiple technologies and web development packages
- Expanded features based on user feedback, such as a contact me option

### Recipefy | *Node.js, React, Express, MongoDB, Flutter, Git*

January 2023 - May 2023

- Cooperated with multiple people to create a web and mobile application
- Implemented API endpoints and frontend designs
- Incorporated location sharing and direct messaging input

### Hack UCF Member

January 2021 – Present

### Google Developer Club Member

August 2021 – Present

## SKILLS AND COURSEWORK

**Languages/Frameworks:** Java, Python, C, SQL, JavaScript/TypeScript, HTML/CSS, React, Git, Mocha

**Tools/Certifications:** GitHub/Lab, MongoDB, AutoCAD, Microsoft Office, Agile Methodologies, VS Code, IntelliJ, Figma, Heroku, MTA Networking, Security, Server, and Cloud

**Coursework:** Data Structures and Algorithms, Object Oriented Programming, Computer Logic and Organization, Matrix and Linear Algebra, Discrete Structures, Marketing, Programming Languages

**Libraries:** pandas, NumPy, Matplotlib, Scikit Learn, TensorFlow