

# KISHAN KOLUR

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https://github.com/kkolur

## Education

### University of Maryland, College Park

Bachelor of Science in Computer Science

Jan. 2018 – Dec. 2021

College Park, MD

- GPA: 3.70 / 4.00
- Honors College, Computer Science Departmental Honors
- Minor in Education and Human Development

## Experience

### Apple Inc.

Software Engineer Intern

May 2021 – Present

Cupertino, CA

- Develop production-ready microservice template to serve machine learning models through fast and secure HTTP API.
- Devise an automated tool that converts Golang structs to TypeScript interfaces for multiple libraries.
- Design a feature to upload a static image to a layout for Web Authoring Service using Google Cloud Storage and Go.

### Wish

Software Engineer Intern

Feb. 2021 – April 2021

San Francisco, CA

- Wrote new API functions and integrated existing Python API for tracking orders and detecting shipping providers using Go.
- Generated visualizations to monitor latency and tracking source checkpoint delays using Prometheus and Grafana.
- Ran queries in Treasure Data to identify discrepancies between number of tracking numbers purchased and used to optimize future quota purchased.

### University of Maryland, College Park

Computer Science Teaching Assistant

Jan. 2021 – May 2021

College Park, MD

- Hold office hours and monitor the course Q&A platform to answer questions about course material and assignments.
- Grade course assignments, quizzes, and exams for correctness, efficiency, and style.

### Amazon.com

Software Development Engineer Intern

June 2020 – Nov. 2020

Seattle, WA

- Wrote infrastructure and developed a REST API microservice with Lambda integrations using TypeScript and AWS CDK that continuously monitors the availability and health of playback URLs on a single device.
- Designed and developed an internal frontend service using TypeScript and React that allows users to provide input to the microservice and receive a response.
- Utilized AWS services for creating RESTful web services, writing lambda functions, object storage, and website hosting.

### Orbit Logic Inc.

Software Engineer Intern

Dec. 2019 – May 2020

Greenbelt, MD

- Styled web application using Semantic UI and integrated a Semantic UI theme builder to build and maintain multiple themes for Order Logic, a web application for satellite imagery collection and order management.
- Refactored numerous components of the Order Logic web application from CSHTML to React and configured yarn servers for easier testing and local development.
- Constructed reusable React components and utilized redux-form to manage form state while working in a short-cycle, agile, iterative development team.

## Relevant Coursework

- Data Structures
- Object Oriented Programming
- Algorithms

- Web Development
- iOS App Development
- Systems Programming

- Data Science
- Data Visualization
- Human-Computer Interaction

## Skills

**Languages:** Java, JavaScript, Python, HTML/CSS, TypeScript, Swift, Go, Ruby

**Technologies/Frameworks:** Node.js, jQuery, Express.js, React, AWS, D3.js, Jest, Git, Jira, Confluence, Firebase

**Skills:** detail-oriented, excellent verbal/oral and written communication skills, proactive problem solving, creative, strong interpersonal and conceptual skills, curious, motivated, self-starter, analytical, collaborative, passionate, critical-thinking

**Technical Knowledge:** functional and object-oriented programming, algorithms and data structures, scripting languages, software development, web applications, databases, frameworks, cloud, security, MongoDB, mobile apps