

# Rohan Vij

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Dublin, CA

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## Objective

A highly motivated and accomplished computer science professional seeking a data science internship to contribute to the success of a dynamic team and gain valuable real-world experience. With a strong track record of academic and professional achievement, I am well-versed in a variety of programming languages, including Python and TypeScript, as well as cloud computing and web application development.

## Skills Summary

- Languages: JavaScript, TypeScript, Python, Java
- Tools: Docker, GIT, AWS, DigitalOcean, MongoDB, Github Actions
- Frameworks: React.js, Express.js, Flask, FastAPI

## Experience

- **Aviato** Carmel, IN  
Web Development Intern June 2022 - Current
  - Program frontend screens using React.js based on Figma prototypes and design guidelines.
  - Create custom backend AWS Lambda functions.
  - Developed high-traffic login and signup screens and the video recording micro-application
  - Conduct dynamic integration processes to connect the frontend to an AWS API Gateway backend.
- **Shiporium** Dublin, CA  
Software Engineer and Architect June 2022 - Current
  - Create an online platform using crowdsourced USPS tracking numbers to predict how long international packages take to ship.
  - Utilized React.js; Express.js; MongoDB; DigitalOcean;
- **Towards Data Science @ Medium** San Francisco, CA  
Content Writer June 2022 - Current
  - Collaborate with publication editors.
  - Conduct in-depth research on data science topics.
  - Audience of 5k+ readers
  - Profile: <https://medium.com/@rohankvij>
- **System Overload Robotics** Livermore, CA  
Robotic System Programmer October 2021 - August 2022
  - Programmed the shooter and drivetrain subsystems of the robot using Java and WPILib.
  - Used mathematical tools in a team setting to determine velocity vs trajectory calculations.
  - Created structural plates for the robot using a CNC machine.
  - Taught new team members Java and algorithmic thinking.
- **ACE Coding Dublin** Dublin, CA  
President June 2021 - June 2022
  - Chartered a school-approved club through a computer science teacher.
  - Directed, coordinated, and evaluated the activities of student teachers and their assistants.
  - Taught classes in Python and JavaScript to aspiring programmers.
  - Planned, evaluated, and revised curricula, course content, and methods of instruction.

## Education

- **Dublin High School** August 2021 - June 2025  
Grade: 10
  - 4.3 weighted GPA.
  - Notable Courses: AP Computer Science Principles, Honors Principles of Engineering

## Certifications

- **AWS Certified Cloud Practitioner** November 2022  
Amazon Web Services Training and Certification <https://www.credly.com/badges/7420aeb-3000-4123-8fb2-f703ef75e2ac/>
- **IT Specialist - Python** May 2022  
Certiport - A Pearson VUE Business <https://www.credly.com/badges/cc11f38a-fbf8-43cc-b668-28e4b393fdb/>
- **Certified Associate in Python Programming** December 2020  
OpenEDG Python Institute <https://verify.openedg.org/?id=mUXG.i33S.Jn94>