

# Advay Bajpai

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## Summary

Hello! I'm Advay, a sophomore at Foothill High in Pleasanton, California. I have expertise in computer science as a full-stack web developer and data analyst. I have a proven and successful track record with my clients on all sorts of tasks, whether it's revamping their backends or analyzing a dataset. I'm always looking forward to new internships and opportunities, so feel free to reach out!

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## Experience

### Full Stack Developer and Data Analyst

Freelance

12/2021 - Present

- Developed full-stack apps and backends for a number of clients utilizing the Django, Flask, and Node frameworks
- Revamped WordPress and Wix sites to improve overall performance and SEO
- Developed and shipped data apps for clients using Streamlit and Dash
- Built a variety of AI/ML models for clients via Tensorflow, scikit-learn, and PyTorch
- Delivered 20+ projects since December

### Open-Source Contributor

Various

10/2021 - Present

- Contributed to the PyTorch, Django, cv2, and Tensorflow libraries
- Collaborated with other contributors and joined weekly calls to identify and eliminate known bugs and issues
- Taught open-source and Git fundamentals to newer open-source devs
- Improved upon existing documentation

### STEM Tutor

LearnToBe

03/2022 - Present

- Worked with other tutors to teach computer science, math, reading, and writing skills to low-income students
- Worked with designers and management team to improve upon existing infrastructure
- 50+ hours taught so far
- Assisted in onboarding new tutors

### Competitive Programmer

USACO, Codeforces, Kaggle, Codewars, LeetCode

03/2021 - Present

- Partook in various olympiads and Kaggle competitions
  - Top 15% of users in Codewars/LeetCode
  - Competed in online and in-person hackathons, winning numerous awards
  - Currently USACO silver
  - Contributed to competitive programming guides and tutorials
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## Skills

Full-stack development, Java, Python, C++, Data Analysis, Tensorflow/Keras/PyTorch, Software engineering, Communication skills, SQLite, React, Bootstrap, Competitive Programming, Code Optimization

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## Education

### High School Diploma

Foothill High School, Pleasanton, CA

04/2025

- 4.0 GPA with Honors courseload
- Officer position in Chess and Cryptocurrency clubs
- Partaking in Model UN and won numerous research awards at regional and state conferences
- Member of school's Jazz program
- Member of an extracurricular robotics team

### Mathematics

Las Positas College, Pleasanton, CA

08/2022

- Studied inferential and descriptive statistics during the Summer 2022 term (MATH40)

### Computer Science

Santa Rosa College

08/2022

- Studied computer science and C++ principles during the Summer 2022 term (CS10A/B)

### Biology

Chaffey College

08/2022

- Studied introductory general biology during the Summer 2022 term (BIOL-1)

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## Languages

English - Native/Bilingual Proficiency, Hindi - Native/Bilingual Proficiency, Spanish - Professional Working Proficiency