

Ansh Verma

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Ambitious student with a passion for technology and computer science. Enjoys solving challenges and strives to make a positive impact on my community through technical skills and leadership by creating innovative products that can help communities on a global scale.

Education

University of Illinois Urbana-Champaign (2022 - 2026)

Major: Computer Science

Interlake High School (2018 – 2022)

GPA: 4.0/4.0 **SAT:** 1560/1600

Certification (Certifier): Data Science and Data Engineering (Data Science Dojo + University of New Mexico), DAT263x Introduction to Artificial Intelligence (Microsoft)

Awards: National Merit Finalist, AP Scholar with Distinction

Computer Science Experience

Summer Intern, Microsoft (July 2022 – August 2022)

- Learn programming fundamentals and apply learning through project-based application under the guidance of Microsoft employees
- Gain an understanding of Microsoft's history, culture, and technologies
- Develop career readiness skills
- Gain mentorship with Microsoft employees

Software Engineering Intern, Internity Labs (February 2021 – May 2022)

- Contributed to the development of the mobile app "Win-X Launcher" using Xamarin.Android, and C#
- Redesigned the company and app logos using Adobe Photoshop and Illustrator
- Edited short infomercials for YouTube using Adobe Premier Pro
- Implemented Google Payments feature to allow customers to do in-app purchases
- Collaborated with the development team on feature prioritization, intuitive UX, and unified UI design

Technical Lead, Programming / Robotics Club (September 2018 – April 2022)

- Co-led the projects development team of approximately 20 people
- Mentored new members and taught them how to use Git source control, the usage of various frameworks, and planned lessons
- Designed the robot movement control system and PID programming
- Built a variety of productivity and utility webapps, both individually and as a group

Programmer, Independent Projects (Ongoing)

- Familiarized myself with many programming languages by developing apps using Java, React Native, TypeScript, C#, Azure, Python, and Flutter

Creator and Writer, Medium Blog (June 2021 – Present)

- Created a tech blog on ansh-verma.medium.com
- Write to explain my opinions and understandings of current topics and developments in technology

Participant, AI4ALL (July 2021)

- Examined the opportunities and challenges introduced by artificial intelligence and examined the effect of AI solutions on basic values, such as fairness, trust, and inclusiveness

Participant, Data Science Dojo (June 2020 – September 2020)

- Studied in a 16-week boot camp learning the fundamentals of data science and techniques used in Machine Learning and AI
- Learned to explore, visualize, and cluster data; built and evaluated predictive models for classification and regression; designed online experiments; managed big data in the cloud, introduced to text analytics and built an end-to-end internet of things (IoT) solution
- Certified by University of New Mexico and Data Science Dojo

Participant, InspiritAI (July 2020)

- Created object detection for self-driving cars using three separate algorithms – Convolutional Neural Network (CNN), YOLO Neural Network, and Perceptron Neural Network – that detected objects such as cars, pedestrians, traffic lights, trucks, etc.

Community Impact

Founder, One Stop Impact (April 2021 – July 2022)

- Founded a [nonprofit organization](#) to help local businesses
- Built free websites for small businesses and customize them to meet their needs
- Helped small, minority owned businesses that need support transitioning to online services
- Inspired and lead high school peers to use technology to contribute to the community

Councilmember, Bellevue Youth Council (November 2020 – June 2022)

- Organized and planned various community projects based on Bellevue youth priorities
- Partnered with Bellevue Firefighters Community Support Foundation in planning for the holiday toy drive
- Tutored middle school students and help with their schoolwork in Math, Science, and Spanish

English Teacher, De'haat Project (June 2020 – August 2020)

- Taught the basics of English and how to read and speak to a group of 5-6 primary school teachers in India
- Started from scratch as many of the teachers went from zero knowledge of English to be able to teach their own English classes

Competition Judge, Computing for All (March 2019)

- Graded and evaluated software projects made by approximately 300 middle school students

Photographer (June 2020 – Present)

- Photographed many pictures of landscapes and nature
- Uploaded to an [online portfolio](#), gaining the views of thousands of people