

# Chase Roll

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## Profile

High School senior with unparalleled drive, curiosity, and obsession with excellence. I am constantly seeking diverse experiences to extend and enhance my personal and professional growth. Demonstrated abilities include quick learning, unmatched work ethic, reliability, and keen attention to detail.

## Key Skills

- Rapid Learner
- Dependable and Reliable
- Excellent Communication
- Detail-Oriented
- Self-Motivated and Disciplined
- Great Team Collaboration
- Entrepreneurial and thinking outside of the box.
- Critical and Analytical Thinking

## Experience

### Intern: (2023 - Present)

Syndeo.CX. Belfast and Dublin Ireland (AI, Software, Services and Cloud Solutions)

- Working virtually with a team of Conversational Ai. experts helping with UI/UX on projects for several of their global clients such as American Express, IKEA, USPS and several prospects including Equifax, Kaplan Education, and others.
- Attend virtual and on several occasions in person team sessions in Ireland to help discover client needs, working on solution design and participating in customer design feedback sessions around Google Vertex Ai projects as they relate to LLM (large language models).
- Participate in R&D roadmap sessions with the CTO.
- Assisted Syndeo in website and mobile app enhancements.

### Intern: (2023 - Present)

Creative Global Strategy LTD. London England (European Business Consulting Firm)

- Participate in team sessions virtually and once in person with a focus on learning from and participating with the consulting services team for many European clients.
- The CGS CEO mentors me several hours a month to share his experiences as a 25- year leading Global Executive at American Express. He has helped me with strategic thinking with a focus on research, preparation, and presentation engagement to help the firm sign new clients and grow their existing clients.
- Conduct research on LinkedIn and other social channels to understand client and prospect history and explore networks and relationships for more engaging conversations

#### Intern: (2022)

*CPAC, Washington, DC & Orlando, FL*

- Volunteered on a team to manage CPAC's annual conferences with over 10,000 attendees, focusing on the social media campaigns and working logistics for event speakers over 2, 3-day events.
- Conducted video in person interviews with various political officials.
- Enhanced CPAC's social media presence by creating and uploading quality posts, driving traffic and engagement.
- Worked with a variety of audio and visual equipment to create compelling videos and content.

#### Farm Team Member: (2020 - 2023)

*Cashes Creek Farms, Blue Ridge, GA*

- Provided property and land management including hay harvesting, fertilization and vegetable garden maintenance, harvesting and preservation.
- Operated Tractors, Mowers and UTV's for large and small jobs working in conjunction with a paid crew.
- Assisted in animal care, including feed and medication preparation, milking dairy goats, managing chickens, rabbits, and horses, etc.
- Constructed and maintained fences around grazing areas to ensure animal safety. Managed and maintained CCTV and security systems for the various properties.

## **Education**

- Maintaining a strong academic performance with a 3.96 unweighted GPA while enrolled in advanced courses.
- Pursuing advanced math and science curriculums from Art of Problem Solving. Some of the courses I am taking are BC Calculus 2, AP Physics, and Advanced CompSci Principles.
- Homeschool courses in subjects including but not limited to Philosophy, Spanish, and Apologetics. Also possesses three years of Latin study and experience with the Institute for Excellence in Writing (IEW).
- Exploring MIT OpenCourseWare for additional educational opportunities. Future courses include

Introduction to Special Relativity and Introduction to Electrical Engineering.

- Gearing up for participation in academic competitions such as the American Math Competition (AMC 12) and Georgia Tech High School Math Day (HSMD). Also set to undertake a range of Worldwide Online Olympiad Training (WOOT) courses – including Math WOOT, Physics WOOT, Chemistry WOOT, and Code WOOT – through Art of Problem Solving.

## Projects

- Developing Helios, an innovative productivity app that leverages sophisticated LLMs and combines task management, fitness tracking, dietary planning, and social networking for improved lifestyle efficiency.
- Building a small hybrid rocket engine with variable thrust and thrust vectoring capabilities.
- Designing an autonomous paintball turret with advanced targeting capabilities facilitated by deep learning neural networks.
- Creating a small-scale neural network in Python for image recognition and classification.
- Aided in the creation of Avata, a startup streamlining local event planning and coordination processes.

## Extracurriculars

- Active in Rocketry, Debate, Chess, and Astronomy Clubs.
- Eagle Scout Candidate in the Boy Scouts.
- Participating in Piano, Jujitsu, Wrestling, and Cross Country.
- Volunteering with Feed Fannin.

## Websites

- ChaseRoll.com
- Avata.events
- UseHelios.com (currently under development)