

Arielle E. Summers

1614 Patrick Henry Drive NW
Blacksburg, VA 24060
ariellesummers04@vt.edu
(571) 320-5260

| | |
|-----------------------------------|---|
| OBJECTIVE | Searching for an undergraduate research experience for summer 2026 related to animal agriculture and dairy cattle health, welfare, or nutrition. |
| EDUCATION | B.S. Animal and Poultry Sciences Minor: Dairy Science Expected graduation: May 2027 Virginia Tech, Blacksburg, VA GPA: 3.6 |
| WORK + VOLUNTEER EXPERIENCE | Veterinary Technician Assistant/Lab Technician (Cat and Dog Hospital, Columbia, MD) <i>11/2022 - 07/2023, 05/2024 - 08/2024</i> <ul style="list-style-type: none">Assisted veterinarians and technicians in animal restraint.Facilitated client transactions.Drew up vaccines and packaged medications.Cleaned and sanitized examination rooms.Carried out basic in-house laboratory tests and analyses. Research Assistant (Kentland Dairy Farm, Cockrum Lab, Virginia Tech) <i>05/2025 - 07/2025</i> <ul style="list-style-type: none">Collected data and determined health scores for young calves.Observed calf behavior and interactions.Performed temperature taking rectally.Followed IACUC guidelines for biosecurity and farm safety. Farm Hand & Tour Guide (Wai and Aina Farm, Kapa'a, HI) <i>07/2025 - 08/2025</i> <ul style="list-style-type: none">Performed basic animal husbandry/hand milking for dairy cattle and goats.Led informative farm tours for groups of up to eight guests.Packaged milk and organized products for milk sales.Assisted customers and carried out milk sale transactions.Halter trained and socialized calves and heifers.Assisted with on-farm blood tests and dehorning procedures. Undergraduate Researcher (Cockrum Lab, Virginia Tech) <i>01/2026 - 05/2026</i> <ul style="list-style-type: none">Organized large volumes of data.Analyzed data and trends through use of R and RStudio.Created figures, professional abstract, and research presentation poster.Presented research at Dennis Dean Undergraduate Research Conference. |
| ACTIVITIES | Historian, Sigma Alpha Professional Agricultural Sorority (<i>01/2025 - 12/2025</i>) Event Staff, WUVT Student-Run Radio Station (<i>09/2025 - present</i>) Big Plant at Virginia Tech - campus tree planting event (<i>03/16/2024</i>) Big Event at Virginia Tech - community service hosted by Virginia Tech (<i>04/06/2024</i>) |