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MS3 – Sustainable Agriculture and Food Systems  
Practicum One-Pager | Food Security at Algorex Health

Algorex Health is a small, early-stage data science firm that provides healthcare organizations support analyzing the social determinants of health across their patient populations and uses data to drive actionable interventions on the ground. Algorex's clients serve the most vulnerable, hard-to-reach populations. Algorex's main focus areas include unstable housing, social isolation, transportation barriers, patient engagement, and food security.

As the Food Security Subject Matter Expert on the team, this role involved partnering with clients to implement various food security interventions tailored to their populations (i.e., direct food provisioning and food purchasing incentive programs), serving as an internal resource for the Product, Customer Success, and Business Development teams, and managing various strategic client accounts – those that were not only partnering with Algorex for analytics support, but to collaborate on the design of interventions that improve the health and quality of life for their patients.

For this practicum, specific learning objectives were outlined related to applying lessons learned from the food systems curriculum, building upon expertise and earning trust as a subject matter expert, and operating in a leadership role. The final deliverables included a literature review to summarize the impact of food security on healthcare costs, the implementation of an internal system to target and track strategic partners (and outreach to these people / organizations), attending one relevant conference, and a Food Security Intervention Engagement Playbook that serves as a guide to the design, implementation, and evaluation of a food security intervention with a client.