

LUCIUS WOFFORD

Web Developer | Farmer

An eager developer with an extensive background in agriculture. Adept at creating lean efficient systems. Passionate about stewardship and technology.



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github.com/woffordlm



[Portfolio](#)

EDUCATION

UNC Chapel Hill Coding Bootcamp | Chapel Hill, NC
Appalachian State University | Boone, NC | 2014 GPA: 3.81
B.S. Sustainable Development - Agroecology & Sustainable Agriculture, Minor in Entrepreneurship

SKILLS

Javascript | CSS | HTML | Git | Express | SQL | GitHub | Node.js
MySQL | Database theory | MongoDB | Agile
Methodology | Progressive Web Apps | React.js.

EXPERIENCE

Farm Manager | Starbright Farm

Winston-Salem, NC Feb. 2016 - Present Responsibilities include marketing through farmers market, retail locations, and local delivery service. Other tasks include sales, accounting, propagation, transplanting, direct seeding, irrigation, 2 and 4-wheel tractor work (plow, flail mower, tiller, rotary plow, and box blade), post-harvest wash and packing, and intern management. Built 3 high tunnels covering 4,000 square feet: Gothic 30' x 80', Quonset 28' x 50', and a Caterpillar 12' x 50'.

Incubator Farm Coordinator | Memorial Industrial Community Development Corporation

Winston-Salem, NC Aug 2021- Present Responsibilities include the physical build out of a biointensive vegetable incubator farm. The build consists of initial soil work to create a no till management system, irrigation installation, pack/wash shed build, walk-in cooler install, high tunnel greenhouse install, and curriculum development.

The Edible Schoolyard Gardener | Greensboro Children's Museum

Greensboro, NC Jan. 2020 - Dec. 2020 Managed a 1-acre production and demonstration garden and chicken yard, requiring knowledge on a wide range of fruits trees/vines, vegetables and herbs. Grew over \$6,000 worth of transplants, from seed and cuttings, for annual plant sale. Assisted in adapting the annual plant sale from an in-person format to online. Transitioned teaching gardens into production style gardens due to pandemic. Donated all vegetable and fruit harvests to a local food pantry. Filmed weekly online educational content for museum members, as a part of the museum's pandemic response. Managed one garden apprentice, and volunteers.

Garden Associate | Colony Urban Farm Store

Winston-Salem, NC Jan. 2018 - Nov. 2019 Assisted customers with selecting the appropriate supplies and materials to meet gardening and beekeeping needs. Informed shoppers of local produce and goods available in the store. Created and taught lesson plans for 4-season farming workshops.

Teaching Assistant | Brunson Elementary School

Winston-Salem, NC Nov. 2016 - June 2017 Provided instructional assistance to 1st grade classrooms at Brunson Elementary. Taught lesson plans and managed the Soil and Organisms science units for multiple classrooms; created and taught lesson plans emphasizing habits of character for an ESL classroom.

Garden Manager | Goler Community Garden

Winston-Salem, NC Mar. 2016 - Nov. 2016 Grew over 3,000 lbs. of produce for Downtown Health Plaza patients. Built 25 raised beds and a custom irrigation system, created planting and fertility schedules, organized volunteers, and implemented an integrated-pest management plan.

VOLUNTEER

Donated plant starts and assisted with garden workdays at the Fitzgerald Teaching Garden at Second Harvest Food Bank of NWNC; provided garden bed preparation and 2-wheel tractor tilling service to local urban farmers, home gardeners, and the Forsyth County Urban Farm School; WWOOF volunteer on 6 farms in New Zealand.

PROFESSIONAL DEVELOPMENT & GROUPS

National Young Farmers Coalition | Carolina Farm Stewardship Association | Market Gardener Masterclass