

# Robert Sims

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## EDUCATION

**Cornell University**, College of Agriculture and Life Sciences, Ithaca, NY

Expected May 2028

Major: Agricultural Sciences

Concentration: Sustainable Cropping Systems | Minor: Comparative Literature

**High School GPA:** 101.51 | International Baccalaureate and Advanced Regents Diploma

June 2024

4-Year High Honor Roll, 4-Year Varsity Scholar-Athlete, Excellence in Science Award, AP Scholar with Distinction

**Relevant Coursework:** Syracuse University Geography 103: Environment and Society, 3 Credit, 4.0 GPA

July 2023

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## RELEVANT EXPERIENCE

**Sustainable Cropping Systems Lab**, Cornell University, Ithaca, NY

May 2025 - Present

### *Research Assistant*

- Will perform laboratory tasks in plant and soil sampling, sample processing, data entry and across 20 field projects
- Will record, organize, and manage data using spreadsheets and to ensure accurate entry and effective analysis
- Will shadow senior researchers to acquire knowledge and skills in sustainable cropping systems and agroecology
- Will attend and participate in field days and conferences discussing relevant agroecological research

**Soil Health Lab**, Cornell University, Ithaca, NY

December 2024 - Present

### *Lab Technician*

- Will perform complex laboratory tasks with minimal supervision including but not limited to lab analyses, weighing soil samples, sieving and grinding samples, preparing samples for various analyses, data entry and analysis
- Will shadow senior lab staff to acquire knowledge and skills in soil health analysis, soil science and experimentation
- Will assist growers in employing beneficial and sustainable land management decisions through soil analysis framework

**Engineers for a Sustainable World Project Team**, Cornell University, Ithaca, NY

November 2024 - Present

### *Alumni & Marketing Team Member*

- Started a campaign to engage and build community in sustainability-oriented action through an independently created website and newsletter providing opportunities for volunteering, talks, events, political advocacy and readings
- Conducted interviews and networked with alumni to elucidate career opportunities to current team members

**Ecology Club**, Center Moriches High School, Center Moriches, NY

April 2021 – June 2024

### *Founder/President*

- Led, coordinated and designed school greenhouse and garden projects with administration and industry professionals
- Developed Long Island Sustainability project-based class elective enrolling and engaging over 25 students
- Researched and submitted various grant proposals garnering over 1,000 dollars, funding 10+ student-led projects
- Organized fundraisers, volunteer opportunities, field trips and guest speakers with local professors and professionals in various industries including agriculture, horticulture, aquaculture, waste management, geography and politics
- Fostered hands-on engagement and ecological learning for peers and local community. Developing awareness and importance around local to global environmental issues as well as providing avenues for involvement and solutions
- Advocated for support, funding and transport to participate in the state-level New York State Envirothon competition

**Hamlet Organic Gardens Farm**, Brookhaven, NY

June-August 2023/2024

### *Farm Laborer*

- Learned and applied knowledge in crop health, maintaining, harvesting, processing and distribution
- Worked in a team to maximize productivity and yield supplying 40 restaurants and 300+ CSA members

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## ACTIVITIES

Cornell Fashion Collective *Model* • Thread Magazine *Model*

## HARD SKILLS

Adobe Suite • ArcGIS • Auto CAD • Blender • Crop Management • Grant Writing • Intermediate French • Microsoft Office • Python • OnShape • R Statistical Analysis • Spreadsheets • Website Development

## SOFT SKILLS

Team Coordinating • Communicating • Project Planning • Marketing • Educating • Problem Solving • Adapting