

Charles Wall-Davis

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EDUCATION

Cornell University, College of Engineering, Ithaca, NY
Bachelor of Science, Mechanical Engineering
GPA: 3.432; Fall 2025

Expected May 2027

Relevant Courses: Intro to Mechanical Engineering, Statics, Dynamics, Thermodynamics, Basic Engineering Stats & Prob, Physics I-III, Intro to Fluid Mechanics, Mechanics of Engineering Materials, Intro to Mechanical Design, Systems Dynamics, Chem for Engineers, Intro to CS

PROFESSIONAL EXPERIENCE

Dominion Energy, Norfolk, VA, *Engineering Intern*

May-July 2025

- Shadowed and collaborated with switching operators, grid planners, transmission line planners, and ground crews at the Regional Operations Center.
- Gained hands-on exposure to power system operations, planning, and fieldwork.
- Participated in site visits, including an offshore wind farm and a nuclear power plant.

LEADERSHIP EXPERIENCE

Men's Varsity Track and Field, Cornell University, *Co Leader*

Aug 2023-Present

- Organized and communicated team schedules, events, and meet details to improve team coordination.
- Provided mentorship and support to underclassmen to promote personal and athletic development.
- Demonstrated leadership and commitment by modeling discipline and a positive team culture.

PROJECT EXPERIENCE

Mechanical Design Project, Cornell University and PLTW (done twice)

Jan-May 2025 / Sep 2022-May 2023

- Goal: Work in teams to create an invention/innovation of your choosing while going through the creative process of brainstorming, modeling, budgeting, prototyping, testing, and final presentation.
- Role: Leadership and collaboration through the innovation lifecycle

Car Design Project, Cornell University

Aug 2023-Dec 2023

- Goal: Work in teams to create an invention/innovation of your choosing while going through the creative process of brainstorming, modeling, budgeting, prototyping, testing, and final presentation.
- Role: Leadership and collaboration through the innovation lifecycle

CAMPUS INVOLVEMENT

National Society of Black Engineers, Cornell University, *Member*

Aug 2023-Present

Men of Color in Athletics (MOCA), Cornell University, *Member*

Aug 2024-Present

ADDITIONAL EXPERIENCE

Project Lead the Way (PLTW), Suffolk, VA, *Alumni*

Sep 20xx-Present, Jan-May 20xx

- Industry Certification: Digital Electronics, Civil Engineering and Architecture

Trees Up Tompkins, Ithaca, NY, *Volunteer*

Aug 2023-Present

Track and Field Camp, Ithaca, NY, *Volunteer Coach*

Jan 2025

SPECIALIZED SKILLS

Programs: AutoCAD, MATLAB, Python, TinkerCAD, Fusion 360

Soft Skills: Teamwork, Adaptable, Resilient, Reliable

Reference: Available upon request

Date Updated: 10/30/2025