

ELLA D. VALAVANIS

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EDUCATION

University of Illinois at Urbana-Champaign

Bachelor of Science in Systems Engineering

Recipient of Grainger School of Engineering Award

Recipient of Electrical & Computer Engineering Visionary Award

Recipient of Grainger MEP Award

Expected Dec 2027

GPA: 3.27/4.00

SKILLS:

Programming Languages: C, C++, Python (NumPy, SymPy, Matplotlib)

Operating Systems: macOS, Windows, Linux

Analytics & Tools: Git/GitHub, Microsoft Excel, Data Analysis & Curve Fitting, Engineering Economics (Present Worth Analysis, Rate of Return, Payback Period), Canva

Project & Systems Skills: Project Management, Leadership, Comprehensive Understanding of AI

Languages: English (Fluent), Spanish (Intermediate), Greek (Conversational), Polish (Conversational)

CliftonStrengths: Communication, Positivity, Woo, Ideation, Activator

WORK EXPERIENCE:

V-Consulting, Inc.

Wilmette, IL

Summer Intern

June 2022 - August 2024

- Set up and configured Windows and macOS systems for client use
- Maintained and updated Linux servers to ensure reliable operation
- Assisted in installing network equipment, including switches, Wi-Fi, and VoIP systems
- Supported low-voltage projects by running and terminating CAT6 cabling
- Collaborated with team members to troubleshoot and document system setups

EXTRACURRICULAR ACTIVITIES & LEADERSHIP

Institute of Industrial and Systems Engineers (IISE)

Urbana-Champaign, IL

Member

January 2025 - Present

- Participate in professional events and networking opportunities to connect with industry professionals and gain insights into industrial & systems engineering careers
- Strengthen public speaking, team management, and project oversight through interactions with faculty, external professionals, and club members
- Build relationships with peers, alumni, and industry professionals to expand networks within the systems engineering community

Vitality Dance Team

Urbana-Champaign, IL

Dancer

September 2023 - Present

- Perform in student-run, self-choreographed showcases at UIUC, combining creativity and teamwork across the Panhellenic community
- Express my creativity through choreography
- Lead other dancers through a routine using Clifton Strengths leadership qualities

Gamma Phi Beta Sorority (Omicron Chapter)

Urbana-Champaign, IL

Member

September 2023 - Present

- Build sisterhood and professional relationships with women across disciplines, fostering personal and academic growth
- Assist chapter efforts in managing social media presence and content creation
- Manage and organize potential new member logistics during formal recruitment

Women in Electrical and Computer Engineering (WECE)

Urbana-Champaign, IL

Member

August 2023 - December 2024

- Advocate for gender diversity in engineering by inspiring fellow women to pursue careers in tech
- Connect with women in electrical and computer engineering to share resources and build a supportive network
- Enhance technical knowledge through club workshops, guest speaker events, and collaborative projects