

Alice Getmanchuk

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Education

University of Illinois at Urbana-Champaign, Grainger College of Engineering

May 2023

Bachelor of Science in Computer Engineering

GPA: 3.85/4.00

Minor in The Hoeft Technology and Management Program

Related Coursework: Database Systems, Data Structures, Digital Systems Laboratory

Honors: Chancellor Scholar (1.5% of students) | James Scholar | Dean's List (Top 20% in Grainger College of Engineering)

Work Experience

bp

(Remote) Chicago, IL

Software Engineering Intern – Digital Security

May 2021 – Present

- Assisted in creation of executive cybersecurity dashboard through market research into threat modeling tools and compiling exhaustive list of requirements
- Created and deployed applications using Semarchy to promote data governance and maintaining golden data
- Collaborated with a group of interns to create a voice user interface which helps with maintenance of wind farms
- Implemented and tested document extraction for creation of knowledge graph

Synchrony

(Remote) Champaign, IL

Emerging Technology Intern – Google Cloud Platform (GCP)

January 2021 – May 2021

- Worked on transitioning Synchrony to GCP by creating resource hierarchies and integrating Virtual Private Cloud (VPC) for resource allocation
- Created wireframe/UI concept for “green” credit card cross-functional project

Verizon

(Remote) Indianapolis, IN

Network Assurance and Engineering Intern

June 2020 – August 2020

- Identified and confirmed antenna issues based on analysis of performance metrics and correlation of service degradation on cellular sites (3G, 4G, 5G)
- Assisted Field Assurance Support Team (FAST) in maintaining network quality and customer experience by tracking and reporting negatively performing sites

Extracurricular Activities

Phi Chi Theta – Professional Business Fraternity

Champaign, IL

Active Member

August 2020 – Present

- Chosen from 400+ prospective candidates to join a class of 19 new members after a rigorous interview process
- Developed professionally by participating in multiple mock interviews, corporate events, and a case competition
- Participated in an internal consulting project to maximize efficiency of internal organizations

Eta Kappa Nu – Electrical and Computer Engineering Honors Society

Champaign, IL

Member

August 2020 – Present

- Top 20% of all juniors in Electrical and Computer Engineering Department
- Hosted review sessions for students in ECE core curriculum classes

Scholarships and Awards

- Illinois Premier Engineering Scholarship
- ECE Advanced Micro Devices Scholarship
- National Merit Finalist (2019) – One of 15,000 students nationwide recognized for academic achievement

Skills and Interests

Skills: C/C++ | Python | SQL | React | SystemVerilog | MongoDB | Neo4j

Interests: Project Management | Database Management | Baking | Brush Lettering