

Malka Schneck

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EDUCATION

Northwestern University, Evanston IL | Expected June 2023 - Senior

- BA in Computer Science, 3.79/4.00
 - Relevant Coursework: Data Structures and Algorithms, Deep Learning, Machine Learning, Intro to Computational Photography, Operating Systems, Intro to Web Development, Programming Languages, Fundamentals of Computer Programming, Intro to Computer Systems, Applied Statistics, Linear Algebra
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SKILLS & CERTIFICATIONS

- GitHub, Agile, SonarQube, Linux/UNIX, Visual Studio, Machine Learning, Image Processing
 - Programming Languages: Python, C++, C, HTML/CSS, Javascript, Racket
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EXPERIENCE

Garmin Ltd. | January 2023 - March 2023

Embedded Systems Engineering Intern

- Build graphics drivers for flight decks and displays in C
- Comprehend literature on device drivers, computer graphics, and operating systems

Northrop Grumman, Boulder CO | June 2022 - December 2022

Software/Systems Engineering Intern

- Research and document algorithms and data structures for developing a proprietary machine learning model
- Analyze and compare hundreds of data types using AI output to identify inconsistencies across datasets.
- Analyze types with weak model performance to identify and fix bugs in the codebase.
- Debug and build debugging functions into software using SonarQube, software output, and C++ debugger

Cue the Curves, Evanston IL | October 2021 - April 2022

App Development Intern

- Develop size prediction tool based on user and brand data for a React native app at a plus-size fashion startup

Northwestern University Department of Computer Science, Evanston IL | September 2021 - March 2022

Peer Mentor for Fundamentals of Computer Programming I and 1.5 (CS_111, CS_150)

- Teach 3 weekly programming tutorials to 16 students and held 2 hours weekly for homework help in the fall
- Provide 4 hours weekly for help on homework, course concepts, and configuration issues in the winter

Olivia's Garden, New Gloucester ME | June 2019 - August 2019

Sustainable Agriculture Intern

- Produce over 200 lbs of dry hydroponic nutrient for all hydroponic businesses in Central Maine.
- Collect and analyzed data on 2000+ basil and lettuce plants to assess growth rate and system efficiency
- Assist in daily seeding, harvesting, cleaning, and water system management of 18,000 sq ft greenhouse

McBreen, Kopko & Dayal LLP: Medical Law, Chicago IL | July 2018

Summer Law Clerk

- Streamline and oversaw case filing system thus improving filing security and efficiency
 - Summarize legal documents and attorneys' notes for court appearances
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LEADERSHIP AND INVOLVEMENT

Northwestern Wild Roots Student Garden President | April 2021 - Present

- Oversee gardening for 4 hours weekly with 10-15 members April through early December
- Spend 2 hours weekly applying for grants, communicating with the university and our 251 general members
- Run monthly executive board meetings to manage and delegate projects

GoodAsNU Co-founder | December 2021 - Present

- Co-found electric device self-repair service at Northwestern to promote tech sustainability and divert e-waste from waste stream with 3 other undergraduate students

Institute of Electrical and Electronic Engineers Developer and Co-social chair | November 2020 -

- Develop a machine learning project in Python on mental health in the tech industry with team of 2 peers
- Present project to panel of industry leaders and program sponsors and received high scores for impact
- Organize kickoff and annual expo for IE3 project program teams as co-social chair