ABDELMONEM KHEDR

Brooklyn, NY | 929-245-2204 | akhedr@u.rochester.edu | [LinkedIn](#)

EDUCATION

University of Rochester, Rochester, NY   **Expected June 2022**
Bachelor of Science in Computer Science
GPA: 3.19
Honors: W!SE Quality of Life INNOVATIONS Finalist (2018)
Relevant Coursework: Artificial Intelligence, Computation & Formal Systems, Computer Models & Limitations, Computer Organization, Data Structures & Algorithms, Mobile App Development, Web Programming

PROFESSIONAL EXPERIENCE & LEADERSHIP

The Common Market, Rochester, NY   **April 2021 – Present**
Supervisor
- Oversee hiring, training, scheduling, and evaluating 15 student employees; Supervise employees by serving as the initial point of contact for policy and procedure questions
- Order and stock $40,000 worth of bulk candy inventory from third-party bulk and bar candy vendors, perform annual cost analysis in Excel to adapt prices to changes in the supply chain

SEO Scholars, New York, NY   **February 2015 – Present**
Scholar
- Selected out of more than 1,000 students to participate in a rigorous eight-year academic program for first-generation students from NYC public schools, completed 720+ hours of college-preparatory courses
- Attend 20+ college success workshops, networking events, and career readiness seminars to drive college persistence and post-graduate success, receive one-on-one academic and personal support throughout college

New York City Department of Transportation, New York, NY   **July 2021 – August 2021**
Software Engineering Intern
- Utilized Python and pandas to connect to and restructure Inrix and Street Light API data to analyze traffic speed and safety data for bus lanes, streetlights, highways, and vision zero areas in NYC
- Integrated Python script into Power BI; including a User Interface to call APIs with different parameters
- Devised speed reports for DOT project managers across various departments to optimize traffic flow and safety

Inrad Optics, Northvale, NJ   **June 2019 – July 2019**
Engineering Intern
- Digitized optics manufacturing firm's engineering workflow by creating a web application utilizing Firebase, JavaScript, CSS, and HTML to store customer orders along with the current progress using a checklist
- Analyzed how well different optical coatings protected crystals during shipments in company laboratory

PROJECTS

[Platesome](#), *React*   **July 2021 – Present**
- Lets users track if they met recommended veggie, fruit, and dairy intake; plots progress daily, weekly, and monthly

[Quikwiz](#), *React*   **June 2021 – July 2021**
- Utilizes Jeopardy API as quiz questions in a React web application with time constraints

[Kipwich](#), *Flask*   **November 2020 – December 2020**
- Allows users to create their own personalized bucket lists, and contribute to a communal all-user bucket list

[Sinatra Crave](#), *Sinatra Ruby*   **January 2018 – March 2018**
- Web application that provides personalized and recommended location-based food options and dietary facts

SKILLS

Computer: Proficient in Microsoft Office Suite (Excel, PowerPoint, Word), Power BI, SolidWorks
Coding Languages: Proficient in C, CSS, Firebase, Flask, HTML, Java, JavaScript, Python, React, Ruby
Languages: Bilingual in Arabic, Basic in Spanish