

Joseph A. Fallouh

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EDUCATION

University of Illinois at Urbana-Champaign

Expected Graduation: May 2025

Bachelor of Science in Computer Science, Minor in Economics / GPA: 3.7

- **Relevant Course Work:** Numerical Methods, Computer Architecture, Data Structures & Algorithms, Database Systems, Probability & Statistics for Computer Science, Systems Programming

EXTRA-CURRICULARS

Illinois Business Consulting (IBC)

- IBC Advised a Fortune 500 company, providing strategic guidance on advanced Data Collection and Analysis methodologies.

Illini Men's Water polo

- Designed plays, practice drills, and led teammates during games as a team captain to over 50 players.

WORK & LEADERSHIP EXPERIENCE

IE2TEK

Oak Brook, IL

Network Engineer

August 2022 – Present

- Crafted security plans for clients & implemented them via Sophos Central, defending over 5500 security threats.
- Designed and deployed network infrastructures, configured and registered Firewalls, Switches & Routers.
- Utilized Certified Unified Communications Manager (CUCM) to manage VOIP solutions.

IE2TEK

Oak Brook, IL

Network Engineer Intern

February 2022 – August 2022

- Configured and registered IP Phones.
- Utilized Certified Unified Communications Manager (CUCM) to manage VOIP solutions.

West Suburban Water Polo Club

Naperville, IL

Water Polo Coach

August 2021 – August 2023

- Created training drills & game plans to improve team skill/performance, winning 16U 2022 Junior Olympics.
- Encouraged and led athletes, to instill good discipline and engage in good sportsmanship.
- Evaluated players skills and weaknesses for further improvement and development of playstyle.

Carl Sandburg Swim Guard

Orland Park, IL

Head Guard

November 2017 – March 2020

- Communicated with team members and overwatched swim lessons to make sure everything was going to plan.
- Evaluated students and determined if they were ready to advance.
- Provided friendly and professional assistance to instructors, visitors, and customers.
- Coordinated and instructed swimming programs for children.

PERSONAL PROJECTS

Document Parser - Java

- Parse command prompt logs of pinged computers to identify domain connectivity and output their IP addresses.

Trading Algorithm - Java

- Employed a web scraping tool to extract data for specific stocks over the last 20 days and applied a linear regression model to forecast their future prices.

Website – HTML & CSS

- Personal website about myself containing my resume, social media profiles and personal projects.

SKILLS & Certifications

Languages: English, Arabic

Additional Technical Skills: Java, C++, Python, C, HTML, CSS, MS Office, MIPS, Verilog, JavaScript, Swift

Certifications: Cisco Certified Network Associate (CCNA), Microsoft Office

Awards: National Honors Society – May 2021, Southwest Suburban All Sectionals Men's Water Polo – May 2021

Volunteering: Certificate Award of Service Learning (100+ service hours) – May 2021, Volunteered a Summer for Summer School for Special Education – 2016