

# Joseph A. Fallouh

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## EDUCATION

### University of Illinois at Urbana-Champaign

Expected Graduation: May 2025

*Bachelor of Science in Computer Science | GPA: 3.6*

- **Relevant Course Work:** Systems Programming, Database Systems, Data Structures & Algorithms, Probability & Statistics for Computer Science, Economic Statistics II, Inter Micro-Economic Theory

## INVOLVMENT & LEADERSHIP

### Illini Men's Water polo | Team Captain

- Collaborate with designing plays, practice drills, as well as leading teammates during games and practice

## WORK & LEADERSHIP EXPERIENCE

### Illinois Business Consulting

**Urbana-Champaign, IL**

*Consultant*

August 2023 – Present

- Conducted analysis for advanced data collection and analysis methodologies for Fortune 500 client improving data processes
- Analyzed government programs suitable to the needs of an international trade association lowering cost of operations
- Developed a political strategy for an international trade association to utilize suitable government programs effectively
- Collaborated with team to summarize analyses into PowerPoint presentations and deliver recommendations to clients

### IE2TEK

**Oak Brook, IL**

*Network Engineer*

August 2022 – Present

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

*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 – Present

- Crafted plays and practice plans to improve individual and team skills and abilities, 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.

## PERSONAL PROJECTS

### Document Parser - Java

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

### Price Return Forecasting Model - 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

**Skills:** Java, Python, C++, C, SQL, HTML, CSS, MS Office, R, Sophos, Cybersecurity, Collaboration, Communication

**Certifications:** Cisco Certified Network Associate (CCNA), Microsoft Office Associate (Word, Excel, PowerPoint), Sophos Certified Engineer

**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), Volunteered at a Summer School for Special Ed