

# Kevin Elshemy

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## PROFESSIONAL EXPERIENCE

### STONY BROOK UNIVERSITY INFORMATION TECHNOLOGY DEPARTMENT

**Stony Brook, New York**

#### Assistant Technician

**JANUARY 2024 - May 2024**

- Provided technical assistance to faculty, staff, and students regarding hardware, software, and network issues, ensuring prompt resolution of IT-related problems. Communicated technical information clearly and concisely to clients
- Assisted in the installation, configuration, and maintenance of computer hardware components such as desktops and laptops
- Identified and resolved software problems, including operating system issues, application errors, and compatibility issues
- Worked collaboratively with team members to address technical challenges and implement solutions effectively

### STONY BROOK RECREATIONAL CENTER

**Stony Brook, New York**

#### Referee

**AUGUST 2022 - December 2023**

- Refereed multiple sports such as basketball, soccer, dodgeball, and football
- Communicated clearly with players and other referees to resolve conflicts and make informed decisions
- Monitored game statistics and was attentive at all times to look for potential fouls or violations

### TRADER JOE'S

**Queens, New York**

#### Crew Member

**MAY 2023 - September 2023**

- Demonstrated strong teamwork and communication skills by collaborating with colleagues to ensure a smooth and efficient store operation
- Assisted in inventory management by tracking product levels, conducting product counts, and identifying areas for restocking
- Adapted to a fast-paced work environment, handling multiple tasks simultaneously and prioritizing responsibilities effectively

### MCDONALD'S

**Queens, New York**

#### Crew Member

**JUNE 2021 - August 2021**

- Demonstrated strong customer service skills by greeting and serving customers in a friendly manner
- Contributed to a positive team environment by effectively communicating with coworkers and managers
- Demonstrated versatility and adaptability by handling multiple tasks and responsibilities, such as taking orders and preparing food. Proactively solved customer complaints and issues to ensure customer satisfaction and loyalty

## TECHNICAL EXPERIENCE

### ESPORTS DATABASE

**SQL**

- Constructed a database revolving around the professional competitive scene for games such as League of Legends and Valorant that detailed the players, teams, leagues, and specific statistics
- Developed a report that detailed the usefulness of the project and what information could be gained from it

### PCAP PROGRAMMING

**Python, Wireshark**

- Created a parser that parsed PCAP files and analyzed the TCP packets with the help of a PCAP library
- Analyzed network packets to identify trends and detect anomalies such as retransmission and throughput

### TWITTERBOT

**Python, Twitter API**

- Developed a TwitterBot using Python and the Twitter API
- Automated tasks such as posting regular updates, retweeting, and responding to user interactions
- Developed error handling and recovery procedures to ensure reliable and uninterrupted operation of the TwitterBot

### KITCHEN HELPER

**JavaScript, React, Next.js, Node.js, Firebase, Gemini API**

- Utilized the Google Gemini API to enhance recipe generation capabilities, enabling the automatic creation of tailored recipes based on available ingredients
- Leveraged Firebase for real-time data synchronization and management, enabling seamless updates and interactions within the application

## TECHNICAL SKILLS

- **FRONTEND: CSS, HTML, NEXT.JS, REACT, JAVASCRIPT**
- **BACKEND: PYTHON, SQL, GIT, FIREBASE, JAVA, NODE.JS, RUBY**
- **DEVELOPER TOOLS/PROJECT MANAGEMENT: GITHUB, VS CODE, INTELLIJ, MS ACCESS, PYCHARM, ECLIPSE**

## EDUCATION

### STONY BROOK UNIVERSITY

**Stony Brook, New York**

#### Bachelor of Science in Information Systems

**AUGUST 2020 - May 2024**

- GPA: 3.5/4
- Notable Courses: Data Structures, Analysis of Algorithms, Computational Geometry, Database Design, Computer Networks, Systems Administration, Computer Security, Introduction to Network Administration, User Interface Development, Scripting Languages