

Aiden (Siqi) Xie

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Education

- *University at Buffalo, Buffalo, New York* (Sept. 2018 – Dec. 2021)
 - *Class of 2022, Computer Science BS (GPA: 3.62/4.0)*

Experience

Teaching Assistant - CSE 365 (Aug. 2021 – Dec. 2021)

University at Buffalo, Buffalo, NY

- Teach students on Cybersecurity fundamentals and security practices
- Cover Secure Design, Risk Management, Networking, Cryptography, Linux, Bash Scripting, SIEM, Vulnerabilities assessment, and Penetration testing
- Technologies involved Docker, Palo Alto, pfSense, VMware Workstation, vSphere, VirtualBox, Wireshark, Nmap

Lead Unity Virtual Reality Developer (Apr. 2020 – Dec. 2020)

TraumaCode Inc., Amherst, NY

- TraumaCode is an immersive Virtual Reality Simulation Platform for Healthcare Training & Certification
- 2020 Panasci Finalist
- Working closely with the team to design, test, deliver quality code
- Clearly and regularly communicating with management on status and technical details
- Responsible for implementing Virtual Reality functionalities on Oculus Quest platform
- Constantly interacting with Oculus SDK, Unity Scripting API, C#.NET

Teaching Assistant - CSE 199 (Aug. 2019 – Dec. 2019)

University at Buffalo, Buffalo, NY

- Introduce IT fundamentals and internet infrastructure to students
- Assist professors with lectures and provide grading feedbacks to 100+ students

UBNL Nanosatellite Research (Apr. 2019 – May. 2020)

University at Buffalo Nanosatellite Laboratory, Buffalo, NY

- Flight software team member for FALCON (Formation Attitude Laser Communication Orbital Navigator)

Robotics Technician (Sept. 2017 – Jun. 2018)

GNS FRC Robotics Team, Great Neck South High School

- Design and implement autonomous/teleoperated system for competition robots
 - o 2018 FRC Robotics Smoky Mountains Regional
 - o 2018 FRC Robotics SBPLI Regional
 - o 2018 FRC Robotics Detroit World Championship

Office Assistant

(Jan. 2017 – Jun. 2017)

Allurez, Great Neck, NY

- Perform clerical tasks
- Organize and verify statements, receipts and sales data
- Deliver packages

Certification**Cyber Attack Countermeasures**

NYU Tandon School of Engineering

- <https://www.coursera.org/account/accomplishments/verify/LU23HZGVQRPM>

Usable Security

University of Maryland

- <https://www.coursera.org/account/accomplishments/verify/CX9J8GR2V8F8>

Skills**Strengths:**

Troubleshooting; Problem Solving; Teamwork; Pressure Handling; Professional Responsibility;

Programming Languages:

Bash; C; C#; Dart; Java; Python; JavaScript; Scala; SQL;

Technologies:

C#.NET; Flutter SDK; Unity Scripting API; Oculus SDK; Linux; Windows AD; Nmap; Burp Suite;

Foreign Languages:

Mandarin (Native); Cantonese (Native); Japanese (Intermediate);