Aiden Xie

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https://github.com/ngc1514   https://www.ngc1514.net

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
- Working closely with the team to plan, test, review and 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
- 2020 Panasci Finalist

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
    - 2018 FRC Robotics Smoky Mountains Regional
    - 2018 FRC Robotics SBPLI Regional
    - 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);