

# Araf Rahman

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Student Visa (500) in Wollongong, NSW

## Education & Certificates

Bachelor of Computer Science @ University of Wollongong 86.5 WAM | Expected July 2027

CompTIA Security+, CompTIA Network+

Microsoft Certified: AZ-500, SC-300, AZ-104, SC-900

Mastercard Cybersecurity Job Simulation (Forage)

## Work Experience

*Cybersecurity Extern (IoT Security) | Extern*

*Feb 2026 - Present*

- Built and secured an MQTT based IoT pipeline using Python, TLS encryption, and device certificates to simulate and protect real-time water monitoring systems.
- Conducted security testing, including replay attack simulations and performance benchmarking, identifying vulnerabilities and tuning defenses.
- Developed a real-time security dashboard using Splunk to monitor pipeline health and detect anomalies, attacks.
- Scheduled weekly 1-on-1s with program manager and mentor to present projects, receive feedback, and ensure technical decisions aligned with product goals.

*Ecommerce Service Provider | Freelance*

*Jan 2021 - Dec 2024*

- Worked with 4 team members to provide Ecommerce services to clients, and explained Shopify, Meta ad analytics to clients allowing them to make profitable business decisions.

*Web Designer | Freelance*

*Jan 2018 - Dec 2020*

- Delivered websites using HTML, CSS, Bootstrap, JS and Wordpress within strict deadlines and maintained high ratings by taking direction, feedback and criticism from clients.

## Projects

*Live SOC Monitoring (LetsDefend)*

*Feb 2026 - Present*

- Monitored real life security alerts, performed triage and investigated incidents in a simulated SOC environment, and communicated threats to non-technical stakeholders through reports.

*Web Attack Detection and Analysis (LetsDefend)*

*Feb 2026*

- Detected and investigated OWASP top 10 2025 web attacks using HTTP requests, access logs, SIEM alerts and regex.

*Flight booking and management web app*

*Nov 2025*

- Built a web app with flight creation, search, booking and authentication functionality using Python, Flask, SQLAlchemy, Git, HTML, CSS.