

YUTA TOKOI

yutatokoi@proton.me | [GitHub](#)

EDUCATION

University of Melbourne

B.Sci in Computing and Software Systems
Overall WAM: 83 (equivalent to 4.0 GPA)

Feb 2024 - Present

Northeastern University

B.S. in Cybersecurity
Studied for 3 semesters before transferring. Overall GPA: 3.93 (Dean's list)

Sep 2022 - Dec 2023

PROFESSIONAL EXPERIENCE

[DIGITAL GRID Corporation](#)

Cybersecurity Enginner Intern

Dec 2024 - Feb 2025

Minato-ku, Tokyo

- Implemented the Trivy vulnerability scanner into CI through GitHub Actions as part of a shift-left strategy.
- Eliminated all "CRITIAL" and "HIGH" vulnerabilities in the infrastructure and codebase found thorough Trivy, GitHub Dependabot, AWS Security Hub. This required analysing traffic on AWS to ensure the safety of the change, as well as modifying the Terraform code for the infrastructure.
- Improved cloud deployment security by changing Docker images to run in rootless mode.
- Japanese was the language used at the company and throughout my internship.
- 45 hours per week commitment over the 3 months.

[Atrae, Inc.](#)

Software Enginner Intern

Jul 2025 - Jul 2025

Minato-ku, Tokyo

- Rewrote the backend for a page on a legacy web application written in Ruby on Rails to Go (Gin framework). Created an API endpoint to return JSON to serve to the frontend.
- Worked with the frontend engineer to define the JSON output to return.
- Planned out the structure of the code with diagrams, and using it to communicate with my mentor to determine the validity of my plan.
- Conducted QA testing and releasing within the internship period.

[HERP, Inc.](#)

Site Reliability Engineer Intern

Jul 2025 - Current

Remote

- Currently in progress (as of 2025-08-02)

[Sansan, Inc.](#)

Security Enginner Intern

Planned Dec 2025

Shibuya-ku, Tokyo

- Planned for 40 hours per week commitment throughout the month of December.

OTHER EXPERIENCE

[Open source](#)

- Contributions to the Trivy ecosystem GitHub repositories, with merged PRs. Example: adding support to scan Ubuntu 25.04 Docker images.

CERTIFICATIONS

Google Cybersecurity Professional Certificate, Google Data Analytics Professional Certificate, Fundamental Information Technology Engineer Examination (基本情報技術者試験), CompTIA ITF+

SKILLS

Programming languages

Python, C, Java, Go

Tools

Git, GitHub Actions, Trivy, Vim/Neovim, Nix, Linux, macOS

Cloud

AWS, Docker, Terraform, Datadog

Others

Fluent in English and Japanese at business level