JEPSEC

Tom Mahoney

Associate Security Consultant

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PROFILE

Tom Mahoney is a recent cybersecurity graduate with a passion for security and proven track record on delivering client satisfaction. Since joining the industry as an associate security consultant, Tom has developed a strong focus on application security, penetration testing and secure software development.

After leaving a long career at Apple, Tom joined the dynamic startup environment at Jepsec to rapidly up-skill and bring his attention to detail to help the company grow. Tom's exceptional collaboration and communication skills allow him to seamlessly work with clients at varying company levels, from developers to directors.

Tom ensures that he stays current with industry trends through continued professional development and active community engagement. He is an enthusiastic professional at the beginning of his cybersecurity career and is dedicated to delivering the best possible experience for Jepsec's clients.

SKILLS & PROFICIENCIES

- Technical Assessment:
  - Secure Code Review
  - Penetration Testing
  - DevSecOps Review

- Reverse Engineering:
  - Embedded Systems
  - Packet Analysis

- Soft Skills:
  - Presentation:
    - Technical Presentation
    - Executive Presentation
  - Writing:
    - Assessment Deliverables
    - Internal Collateral
    - Research and Documentation
  - Attention to detail
  - Independent

CERTIFICATIONS

Pentester Labs Badges
2023 (Ongoing)
- Blue Badge
- Yellow Badge
- Serialize Badge
- White Badge
- HTTP Badge
- PCAP badge
- Essential Badge
- Unix Badge
- Introduction Badge

Apple Certified Macintosh Technician
2015

Apple Certified iOS Technician
2014

EDUCATION

Queensland University of Technology
Brisbane
Masters of Information Technology
Major in Cybersecurity and Networks
2020

University of Queensland
Brisbane
Bachelors of Engineering
Major in Mechatronic Engineering
2010

WORK HISTORY

Associate Security Consultant
Jepsec
August 2023 to Present
- As an Associate Security Consultant and Jepsec, Tom supports the company in delivering service offerings including:
  - Secure Software Development Lifecycle Review, Secure Code Review, and Security Engineering.
- Jepsec's clients range across the Defence Industry, Federal and State Government, and Critical Infrastructure.
- As an Assiciate Security Consultant Tom is also responsible for developing and maintaining internal resources, including training materials, best-practice guides and proprietary software tools.

Information Systems and Technology Career Experience
Apple
June 2021 to November 2021
- As an IS&T Team Member, Tom conducted a security analysis of an existing project, identified vulnerabilities and suggesting security improvements.
- Tom ported an iOS proof-of-concept software project to macOS, demonstrating language agnostic reverse engineering and cross-platform development skills.
- As an IS&T team member Tom had the opportunity to ollaborat with cross-functional teams across APAC, EMEIA, and AMR, and presented project findings to Senior Director-level stakeholders.

Genius
Apple
October 2015 - December 2022
- As A Genius, Tom managed and maintained installation and update images for client devices, streamlining the deployment process and reducing downtime.
- Tom collaborated with internal teams to troubleshoot emerging technical issues, resulting in faster resolution times and increased client satisfaction.
- A Genius must provid expert-level hardware repairs and support for desktop, portable, and mobile devices, including iPhone, iPad, and iPod; Tom did this while earning accolades for exceptional customer service and technical expertise.