

Ian Anderson

Thinking like an attacker in order to get ahead of them

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EXPERIENCE

Teradata, San Diego — Staff Application Security Engineer

AUGUST 2018 - PRESENT

- Work with product teams as security SME to architect secure products. Focus on threat modeling and secure CI/CD
- Develop security standards (i.e. encryption, certificate management, web security, etc.)
- Build automation to enable scalable security

Intuit, San Diego — Senior Software Engineer

JULY 2016 - AUGUST 2018

- Built security automation tools to scour Intuit's external attack surface and report actionable defects to system owners.
- Conducted manual penetration tests/Red Team engagements on Intuit's product offerings.
- Researched and developed secure patterns for software deployments in cloud and datacenter environments.

US Navy — Cyber Operations Analyst

SEPTEMBER 2010 - JULY 2016

- Planned and carried out network risk/compliance assessments of Navy networks worldwide.
- Developed automation tools and training to enable system owners to identify vulnerabilities and secure them.

National Security Agency, Hawaii — Exploitation Analyst

AUGUST 2011 - SEPTEMBER 2014

- Technical lead for operational teams. SME on implementation of tools, techniques, and procedures to meet project goals.
- Conducted source research of target networks to develop detailed exploitation and operations plans.

EDUCATION

University of Redlands — MBA

JANUARY 2017 - DECEMBER 2018

Columbus State University — M.S. Computer Science

JANUARY 2012 - DECEMBER 2014

Graduate Certificates:

- Information Systems Security Professional
- Information Systems Security Officer

University of Nevada, Reno — B.S. Biology

AUGUST 2003 - MAY 2009

PERSONAL OVERVIEW

I've had a wide variety of experiences and a common theme throughout my career is a passion to learn how things work and build awesome products. I am motivated by tackling hard problems that make a difference to my organization as well as the broader community. I enjoy working as part of a team and am constantly seeking opportunities to learn from my peers. Once I begin a project I like to see it through to completion.

SKILLS

Application Security, Threat Modeling, Secure SDLC, Development (OOP/scripting), CI/CD, Linux/Windows, AWS, GCP, Kubernetes/Docker, SQL, Data Analysis, Cloud Security, Red Teaming, Penetration Testing

LANGUAGES

Golang, Ruby, Python, Shell

CERTIFICATIONS

CISSP, CEH, Security+, Network+