

# Adam Weiler

adam.weiler3@gmail.com

(647) 961-3890

www.linkedin.com/in/adamweiler

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## Cybersecurity Enthusiast

Motivated, critical thinker with a background in web development interested in solving complex cybersecurity problems. Experienced in the use of Python and JavaScript, possesses knowledge in identifying risks, building defensible systems, and determining threat landscapes.

## SUMMARY OF KEY QUALIFICATIONS

- Acquired a working knowledge of security principles, risk assessments, and best practices
- Cooperated with teams to achieve goals and meet deadlines in a fast-paced environment
- Focused under pressure and time constraints by prioritizing tasks appropriately
- Developed a strong understanding of operating systems, internet, and network protocols
- Gained experience in troubleshooting and debugging network issues
- Learned different ways to approach successful problem solving

## TECHNICAL SKILLS

### Security Concepts

- Network packer analysis
- Password auditing
- Command injection
- Network scanning
- Intrusion detection
- Hashing
- Automating file integrity checks

### Security Tools

- Kali Linux
- Metasploit
- Tcpdump and Nmap
- Wireshark
- Aircrack-ng
- John the Ripper
- Cain and Abel
- Snort

### Web Development Skills

- JavaScript
- Python 3

## TRAINING AND CERTIFICATIONS

### Accelerated Cybersecurity Training Program - *Rogers Cybersecure Catalyst, Brampton* - AUG 2020

- Intensive 24-week course combining self-study and in-class training through 3 SANS courses, CyberStart, SEC401 Security Essentials, and SEC504 Hacker Techniques and Incident Response

### Certified Incident Handler (GCIH) - *GIAC* - AUG 2020

- Demonstrated qualification for detecting, responding, and resolving computer security incidents

### Security Essentials (GSEC) - *GIAC* - MAY 2020

- Demonstrated qualification for hands-on IT system roles with respect to multiple security tasks

### General Assembly, Toronto – *Web Development* - SEP 2019

- Intensive 12-week course combining interactive lectures and solving real-world problems by building full-stack applications

### Durham College, Oshawa - *Web Development* - APR 2008

- Two-year program covering web development using HTML, CSS, JavaScript, PHP, SQL, Photoshop, and Flash

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## PROJECTS

**SongFeels** - *React, Django, Third-Party API, CSV database, Bootstrap* - OCT 2019

- Built web application to search third-party API for song lyrics, compare to a database of 14,000 words, and use a custom algorithm to identify emotions displayed
  - Secured API key to ensure others could not impersonate license holder
- <https://songfeels.herokuapp.com/>

**CarbCount** - *React, Django, PostgreSQL, Bootstrap* - SEP 2019

- Built web application for diabetic users to log in, search third-party API for nutritional information, and calculate how much insulin is required after eating
- Secured API key to protect license holder from unlawful use

**Crowdfunder** - *Django, SQLite3, CSS* - AUG 2019

- Built web application for users to log in and create personal projects in order to crowd-source funds

## WORK EXPERIENCE

**Client Assistant** – *Seniors Life Enhancement Centres, Oakville* - SEP 2015 - FEB 2019

- Collaborated with a team of 10 staff members to support 60 clients by analyzing their unique needs and recommending appropriate activities
- Secured confidential information on web applications and documented clients' progress.
- Ensured premises remained safe and secure

**Freelance Web Developer** – *Self-Employed, Online* - SEP 2008 - DEC 2009

- Established secure FTP connection to clients' servers to ensure confidentiality of data
- Implemented website design changes for international clients

**Graphics and Web Designer** – *University of Ontario Institute of Technology, Oshawa* - SEP 2006 - AUG 2008

- Designed and developed 3 websites to meet specifications provided by a Forensics professor
- Established secure FTP connection to University servers to ensure confidentiality of data
- Handled sensitive materials and requested permission to use external files from owners
- Wielded tools such as Photoshop, Illustrator, and Dreamweaver