Jonathan Chen

🌐 jonathanchen.ca

in /in/jonathan-hh-chen

📞 613-867-1775

✉ jhhchen@uwaterloo.ca

Experience

Software Engineering Co-op Student
League Inc.
Toronto, ON | Jan-Apr 2020

Developed the authentication and integration flow for third-party applications using JSON Web Tokens to increase the features available to the League platform

Launched new security tools by researching, developing and presenting new applications to 50+ developers to reduce the number of vulnerabilities within League's codebase

Prioritized and mitigated vulnerabilities identified by third party security scans to enhance the security posture of the League application

Security Software Development Student
BlackBerry
Mississauga, ON | May-Aug 2019

Developed a proof of concept digital key application in Android that leverages Bluetooth Low Energy to transfer string values between devices

Integrated BlackBerry mobile features onto Andorid Automotive to highlight platform security capabilities for prospective customers

Quality Engineering Intern
Interset
Ottawa, ON | Sep-Dec 2018

Developed an automated configuration script for Cloudera properties using JSON API calls in Bash to significantly improve the user experience

Created conformity for twice as many Java Development Kits to boost the robustness of the Interset product installer

Constructed unit tests in Java and Bash to enforce a high code standard while also reducing laborious, manual tasks

IT Security Analyst
Public Service Commission of Canada
Gatineau, QC | Jan-Apr 2018

Researched security risks and provided consultation on tools identified for procurement to assist management in the decision-making process

Developed procedures on handling IT Security incidents to support future employyes during their onboarding process

Mitigated IT Security incidents by scanning and wiping infected PCs and interviewing users to protect PSC data

Highlights

Experienced developer with a security background after working in four cybersecurity roles/organizations

Excellent leadership and interpersonal skills evidenced by being elected as the Co-President of Lisgar Collegiate Institute's Student Council

Strong analytical and problem solving skills

Hardworking and diligent individual that always seeks perfection

Skills

Golang	Git
Java	Android
Bash`	GCP
C++	React
HTML/CSS	BLE
SQL	

Education

Candidate for Bachelor of Applied Science, Systems Design Engineering, 2017-2022
University of Waterloo
3.9 GPA

Relevant Courses
Data Structures and Algorithms
Probability and Statistics
Human Factors in Design

Interests

Soccer, hockey, and ultimate frisbee

Chess, trivia, and crosswords