LOGAN KERR
Software Engineer

Contact
Location / Phone
Merrick, NY | (516) 417 4177

Email
KerrSLogan@gmail.com

LinkedIn
Linkedin.com/in/kerrlogan

GitHub
Github.com/LoganKerr

Personal
LoganKerr.com

Skills
Languages

C	2 years
C++	1 year
C#	1 year
Java	2 years
Python	1 year
PHP	2 years
Swift	1 year
Javascript	2 years
JQuery	<1 year
Twig	2 years
HTML	2 years
CSS	2 years
SQL	2 years

Technologies

Jira	2 years
Confluence	2 years
Vim	2 years
Git	2 years
VxWorks	1 year
Cameo/Magic Draw	<1 year
Metasploit	<1 year
GDB	<1 year
Word2Vec	<1 year

Coursework
+ Software Engineering
+ Ethical Hacking
+ Web-App Development
+ Mobile App Development
+ Systems Programming
+ Operating Systems Design

Education
B.S. Computer Science | Expected May 2019
M.S. Computer Science | Expected May 2021
Hofstra University
+ GPA: 3.81
+ Minor in Mathematics
+ Concentration in Cybersecurity

Experience
Web Developer/IT Assistant   May 2017 – May 2018
Hofstra University
+ Developed dynamic web-applications used by hundreds of faculty and students

Software Engineer   May 2019 – Present
Northrop Grummaan
+ Designed, developed, documented, and tested applications and embedded systems

Projects
Zero-Trust Zero-Knowledge Voting System
Python, Paillier Cryptosystem, Schnorr Protocol
+ Graduate thesis/capstone project – Electronic Voting System that prioritizes verifiability and privacy without relying on trust

TeamLink
PHP, Apache, MySQL, Python, Word2Vec
+ Senior design project – machine learning backed social media web-aplication for students to team up

Epitaphis
PHP, Apache, MySQL
+ Social media web-application for sharing life goals with friends

Human Zoo
Xcode, Swift, Objective C
+ IOS game about abducting and collecting humans

EvilCraft
Java, JavaFX, JUnit
+ Real time strategy war game

Awards
Facebook Cybersecurity Certificate
Facebook & Codepath | May 2017
+ Cybersecurity training on web application vulnerabilities

1st place, Hofstra Hack-A-Thon
Hofstra University | December 2017
+ Worked in a team developing TeamLink

2nd place, CTF Hacking Competition
Hofstra University | December 2018
+ Defended vm images loaded with apps and exploited SQL Injection, XSS, cmd injection, SSH attacks

Additional Information
+ Secret Security Clearance by the U.S Department of Defense