

Kyle Den Hartog

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Address: 618 S Van Buren St. APT# 2, Iowa City, IA 52240 (Intend to relocate)

Education:

University of Iowa, Iowa City, IA

Bachelor of Arts in Computer Science – est. May 2017

Kirkwood Community College, Iowa City, IA

Associates Degree in Liberal Arts – May 2015

Relevant Skills:

- Programming languages (order by familiarity) - **Java, Python, Bash, JavaScript, Agda, C, Assembly**
- Knowledgeable in Blockchain ledger technology and cryptocurrencies (Bitcoin and Ethereum)
- Familiar operating systems: Mac OS X / Debian Linux / Microsoft Windows 7 & 10
- Visionary with motivation to innovate for the future

Relevant Software Used:

- | | | | |
|------------------|----------------|---------------|---------------------------|
| • Metasploit | • Nessus Pro | • NMAP | • Burp Suite Professional |
| • OWASP ZAP | • OpenVAS | • Kali Linux | • VirtualBox |
| • Android Studio | • IntelliJ IDE | • PyCharm IDE | • GitHub |

Relevant Courses and Projects:

- Algorithms
- Data Structures
- Computer Security
- Introduction to Networking
- Object Oriented Software Development
- Simulated an Amazon warehouse, contributing about 1000 lines of java code
- Designed Swift Shift, an Android game on the play store with 100 downloads
- Developed a Peer-to-Peer chat client using UDP and TCP socket programming in Python
- Implemented One-Time-Pad encryption, RC4 stream cipher, and One-time-Password algorithms in Java

Professional Experience:

ProCircular Inc., Information Security Engineer I, Iowa City, IA

May 2016 - Present

- Created Privacy-in-a-Box - A full service personal privacy & protection program
- Utilized security best practices to harden and secure clients' networks and Web Applications
- Wrote an automated script in Python for OWASP ZAP to reduce time spent conducting scans
- Conducted vulnerability assessments and red team engagements using various tools on Kali Linux
- Communicated with a diverse range of clients and colleagues to identify and mitigate security concerns

U. of Iowa Distribution Center, Receiving Coordinator, Iowa City, IA

August 2015 - May 2016

- Trained 5 new team members about our processes and systems
- Inspected daily summaries with an eye for detail to identify and correct errors made
- Coordinated with a team of 3-5 to identify issues of concern; such as incorrect orders

Collegiate Activities

- U. of Iowa Founders Club, member, Spring 2016
- U. of Iowa Startup Games, participant, Spring 2016
- Career Leadership Academy, participant, Fall 2014
- ACM Collegiate Programming Competition, Kirkwood Team, Fall 2014