

Joshua Spicer

Boston, Massachusetts/South Shore area

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Education

Northeastern University, Boston, MA

College of Computer and Information Science (CCIS)

Candidate for Bachelor of Science in Computer Science

Concentration in Cyber Operations

Sept. 2016 – Present (expected: Dec. 2019)

GPA: 3.75 / 4.00

Whitman-Hanson Regional High School, Whitman, MA

- Served as Class Treasurer and Student Liaison for the school district

Sept. 2012 – May 2016

GPA: 3.95 / 4.00

Relevant Coursework

- Algorithms & Data Structures
- Embedded Design
- Discrete Structures
- Probability & Statistics
- Object Oriented Design
- Computer Systems
- Linear Algebra
- Logic & Computation

Technical Knowledge

Languages: **Proficient:** Java, Python, JavaScript, HTML, Bash **Familiar:** Racket/Scheme/Lisp, C++, C, ASM

Systems: macOS, Windows, Linux (Ubuntu/Kali), iOS, Android

Software: Burp Suite, nmap, metasploit

Certifications: CompTIA A+ IT Certification (*Jan. 2017*), Dell TechDirect Certification (*Feb. 2017*)

Awards: Xerox Award for Innovation and Information Technology (*May 2015*)

Udemy: "The Complete React Native and Redux Course" (*Feb. 2018*)

Campus Involvement

- Collegiate Cyber Defense Competition (CCDC)
- Dialogue of Civilizations: Florence, Italy
- Survivor Boston, *Season 3 Competitor*
- HuskyHacks Hackathon (*'16 and '17*)

Campus Leadership

Willis Hall Council, President

Computer Science Mentoring Association (CoSMO), Co-founder & Mentorship Chair

NU Global Experience Office (GEO), Senior Global Ambassador

Association for Computing Machinery (nuACM), Executive board: Head of Public Relations

NU Student Government Association (SGA), CCIS Senator (Fall 2017)

Personal Projects

Parade: An app for NU Clubs (React Native)

dodger.sh (bash)

Colorful Motivation (JavaScript/HTML/CSS)

HuskyHunter (AngularJS/MongoDB/Heroku)

Proximity HuskyLock Utility (Python/Raspberry Pi)

In Progress

February 2018

January 2018

November 2017

October 2016

...visit <http://joshspicer.com> for source code and additional projects

Relevant Work Experience

Security Consultant Co-op, Virtual Security Research (VSR) – NCC Group

January 2018 – Present

- Perform network and web application penetration testing (pen-testing) for client companies
- Design social engineering campaigns for use in client Red Team engagements
- Constantly forced to defend workspace from expert co-workers!

Senior Hardware Technician, ResNet Resource Center

June 2016 – Present

- Perform full-service technical support for over 20,000+ students
- Repair both Dell and Apple hardware-based warranty cases
- Execute data recovery tactics on damaged or compromised systems
- Perform system administration and enforce network security for the university

Interests: Playing tennis, attending \$20 concerts, and collecting coffee mugs from places I travel to