

# Joshua Spicer

Boston, Massachusetts area

**web** <https://joshspicer.com/> • **phone** [Contact For Phone] • **mail** [josh@joshspicer.com](mailto:josh@joshspicer.com)

## Education

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**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

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

## Technical Knowledge

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**Languages:** **Proficient:** Java, Python, Javascript, HTML, bash **Familiar:** Racket/Scheme/Lisp, C++, C, ASM  
**Systems:** macOS, Windows, Debian Linux, iOS, Android  
**Software:** Burp Suite, Kali Linux, git/subversion, metasploit, nmap  
**Certifications:** CompTIA A+ IT Certification, Dell TechDirect, The Complete React Native and Redux Course (*Udemy.com*)  
**Awards:** Xerox Award for Innovation and Information Technology

## Campus Involvement

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- Collegiate Cyber Defense Competition (CCDC), *Regional Medalist*
- Dialogue of Civilizations, *Florence, Italy*
- Survivor Boston, *Season 3 Competitor*
- HuskyHacks Hackathon

## Campus Leadership

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**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

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**Parade: An app for NU Clubs** (React Native, Redux, MongoDB) **In Progress**  
**dodger.sh** (bash) **February 2018**  
**Colorful Motivation** (JavaScript, HTML, CSS) **January 2018**  
**HuskyHunter** (AngularJS, MongoDB, Heroku) **November 2017**  
**Proximity HuskyLock Utility** (Python, Raspberry Pi) **October 2016**

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

## Relevant Work Experience

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**Security Consultant Co-op**, Virtual Security Research (VSR) – NCC Group **January 2018 – Present**

- Perform network and web application penetration tests (pen tests) for client companies
- Design social engineering campaigns for use in client “red team” engagements
- Compose scripts to tailor tools used in reconnaissance or testing
- Constantly forced to defend workspace from expert (prankster) co-workers!

**Senior Hardware Technician**, ResNet Resource Center **June 2016 – January 2018**

- 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

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