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CHET POWERS

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https://www.github.com/xPowerz

RELEVANT EMPLOYMENT

Course Assistant and Grader　　　　**BU Department of Computer Science**　　　　**Fall 2016**
- Answered questions about homework assignments, practice problems, and course topics online and in office hours
- Graded written assignments and students' code.

IT Intern　　　　**International Fund for Animal Welfare**　　　　**June 2013 – September 2014**
- Troubleshoot issues with computers
- Wrote automation scripts to speed up common tasks
- Created instructional material to aid users.

EDUCATION

Boston, MA　　　　**Boston University**　　　　**Fall 2015 – May 2019**
- Joint BA and MS, Expected May 2019. Cumulative GPA: 3.95, In-major GPA: 4.0
- Relevant coursework: Data Structures, Computer Systems, Advanced Software Systems, Software Engineering, Algorithms, Network Security, and Operating Systems.

Hyannis, MA　　　　**Barnstable High School**　　　　**Fall 2011 – June 2015**
- High School Graduate, June 2015. GPA: 4.77 (Valedictorian)

TECHNICAL EXPERIENCE

Projects
- **Twitter Harassment Detector** (2016). Won the "Hack Harassment" prize at HackHarvard. Website to analyze your Twitter mentions and block users who have sent you offensive or inflammatory tweets. Python, Flask
- **Internet of Things Trebuchet** (2016). Created an internet-controlled trebuchet with a Raspberry Pi, a camera, and a few motors. Created a web server in C and a web interface to control the trebuchet.
- **Cyber-Security Wargame Site** (2016). Developed a website to host cyber-security challenges for the cyber-security club at my school (0xBU.com). Also developed exploitable services to use as challenges on the site. Python, Flask, HTML, CSS, Bootstrap

LANGUAGES AND TECHNOLOGIES

- Python, C, IA-32/IA-64 Assembly, C#, Java, ATS, HTML, JavaScript
- Experience with various OS environments: Windows (including programming against the Windows API), and Linux (including programming against POSIX interfaces)
- Experience in cyber security: Web security, Binary security, Cryptography, finding bugs/vulnerabilities in code, writing secure code.

EXTRACURRICULAR ACTIVITIES

Secretary of BUILDS (Makerspace/Hackerspace)　　　　**Fall 2015 – Present**
- Organized events, workshops, and hackathons and recruited new members.
- Managed club property including our website, servers, 3D printers, and network.

Member of BU High Performance Computing　　　　**Fall 2015 – Present**
- Compiled and optimized scientific applications to make them run faster and at lower power levels on HPC clusters
- Placed in the top 16 teams world-wide for ASC'16 and top 12 teams for ISC'16

Member of the 0xBU Cyber-Security Club　　　　**Fall 2015 – Present**
- Competed in over 20 cyber-security CTF competitions
- Solutions for some challenges I've solved can be found at https://github.com/xPowerz/CTF-Writeups