KYLE ANDERSON

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Education

Tufts University – Medford, MA

Bachelor of Science in Computer Science, expected May 2019
GPA: 3.68 • Dean's List Honors: Fall, 2016 to Present

Relevant Classes

Algorithms, Computer System Security, Web Development, Cloud Applications

Machine Structures and Assembly Languages, Data Structures, Intro. to Computer Science

Skills

Languages – C, C++, Python, JavaScript, HTML, CSS, SQL
Tech. – Node.js on Express, Heroku, MongoDB, Bash, Google App Engine, AWS EC2, VMWare

Experience

Tufts Daily Newspaper

Staff Writer | September 2016 - Present
Researched, interviewed, and wrote articles for the news section of the school paper

San Francisco Running Company

Technical Representative | May 2016 – August 2016
Assisted customers and learned about large scale inventory organization

Projects

Fuzzer	– Detects cross-site scripting vulnerabilities by scraping websites for input vectors and analyzing page responses to attacks. (Python)
MBTA Dashboard	– Asynchronously displays MBTA data, hosted from a Heroku web app, for each red line station on a map built with the Google Maps API. (HTML, CSS, JavaScript, Node.js on Express)
Universal Machine	– An implementation of the classic emulator capable of handling UM assembly instructions. (C)
Lossy Compression	– Compress/decompress image files using DCT method. (C)
Grep	– An implementation of Linux's grep utility used to search directories and files for queried keywords. (C++)