DAKOTA LEROY

STUDENT

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SUMMARY

I am a student with experience and interest in web development, UI/UX, cyber security, and software engineering seeking opportunities as an intern for summer 2018.

EDUCATION

Tufts University
B.S. Computer Science 2019
B.A. Multimedia Arts 2019
G.P.A. 3.15

Miss Porter's School
High School Diploma 2015

SKILLS

SOFTWARE LANGUAGES: C, C++, Java, CSS, HTML, Python, SmallTalk, ML, experience with JavaScript
SPOKEN LANGUAGES: English, French
SOFTWARE PROGRAMS/LIBRARIES: Adobe Illustrator, Sketch, Salesforce, Git, JQuery, AngularJS, Valgrind, Jenkins, Kali Linux, VirtualBox, Slack, experience with MongoDB

PROJECTS

WMFO   Spring 2017
Designed the front end architecture and layout of a website for WMFO Freeform Radio as part of a team for JumboCode, a student organization that volunteers by engineering for non-profits in the Boston area.
Technical Skills: CSS, HTML, JavaScript, Git

Image Manipulation   Fall 2016
Coded a program that transforms RGB and component video color spaces to compress and decompress an image.
Technical Skills: C, bitshifting, valgrind

NavGator   Spring 2017
Worked on the design and front-end engineering of a navigational Heroku app game as part of a web development team.
Technical Skills: HTML, CSS, JavaScript, Heroku, Git

COURSES

Advanced Placement Computer Science, Intro to Computer Science, Data Structures, Machine Structure and Assembly Language Programming, Discrete Mathematics, Intro to Human Factors and Ergonomics, Calculus II, Computational Theory, Web Development, and currently enrolled in Programming Languages, and Computer Systems Security

EXPERIENCE

Cisco   Cambridge, MA
Software Engineering Intern   May 2017 - Aug 2017
• Developed as front-end web programmer using jQuery and Angular to improve the UI of Cisco Defense Orchestrator, Cisco's internet security firewall management system
• Designed, troubleshooted, and debugged software programs for enhancements and new features as part of an Agile team working towards making CDO's device management scalable
• Ensured the technical feasibility of UX designs by working closely with the UX designer while coding new UI capabilities with the mentorship of a full time engineer

Hey There...   Medford, MA
Intern   Aug 2016 - Oct 2016
• Reached out to the university community about the start up social media application
• Booked events sponsored by the startup to garner community support
• Garnered feedback about the application's features and interface

ACTIVITIES

JumboCode   Fall 2016 - Present
JumboCode is a student run group that develops customized technology and software for nonprofit organizations.

Women in Computer Science   Fall 2016 - Present
The mission of WiCS is to connect and support women and femme nonbinary people studying Computer Science at Tufts.

AWARDS

Tufts University · Deans List   Fall 2015
Liberal arts students who have been enrolled in a minimum of four credits, received letter grades in a minimum of three credits with no work incomplete, and earned a minimum GPA average of 3.4.