

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 full-time opportunities for after my graduation in 2019.

EDUCATION

Tufts University
B.S. Computer Science 2019
B.A. Multimedia Arts 2019
G.P.A. 3.2

Miss Porter's School
High School Diploma 2015

SKILLS

SOFTWARE LANGUAGES: C, C++, Java, CSS, HTML, Python, SmallTalk, ML, Ruby on Rails, experience with JavaScript

SPOKEN LANGUAGES: English, French

SOFTWARE PROGRAMS/LIBRARIES: Adobe Illustrator, Sketch, Salesforce, Git, JQuery, AngularJS, Valgrind, Jenkins, Kali Linux, VirtualBox, Slack, Travis, Jira, Zipkin, rspec, experience with MongoDB

EXPERIENCE

Medidata Solutions New York, NY
Backend Applications Engineering Intern June 2018 - Aug. 2018

- Developed the Platform Workflow Tracker, a Rails web application which sends and collects data from Zipkin (a distributed tracing system), to track internal performance metrics for Medidata's platform services
- Built an rspec testing suite for Platform Workflow Tracker in Rails while on an Agile team that focused on authorization and authentication
- Designed and documented how information would be stored and accessed in the database, and how the application would communicate with Zipkin to consume its data

Cisco Cambridge, MA
UX Intern May 2017 - Aug. 2017

- Improved the UI of Cisco Defense Orchestrator, Cisco's internet security firewall management system, using jQuery and Angular as a front-end web engineer and Sketch as a UX designer
- 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

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, Programming Languages, Computer Systems Security and currently enrolled in Algorithms and Game Development

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

Link: www.navgator.herokuapp.com

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.