

DEANNA BARIS

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27 Packard Avenue, Apt 2, Somerville MA 02144

WORK EXPERIENCE

[VMWare, Inc., Boston, MA \(merged with Carbon Black in October 2019\)](#)

Software Engineer, August 2019 – Present

Associate Software Engineer, July 2018 – July 2019

Quality Engineering Intern, June – August 2017

- Contribute to feature development tasks and bug fixes for Linux endpoint agent communicating with Cloud-native server
- Own automation of functional and end-to-end test plans for the Linux agent on proxy support, agent upgrade, log upload, hash banning, and bypass features
- Improve efficiency and maintain stability of test automation CI/CD infrastructure

[Housing Department for the City of Cambridge, Cambridge, MA](#)

Community Development Intern, January 2018 – May 2018

- Developed Python web-scraping tool to build and maintain a database of eviction data to inform outreach programs and policy decisions
- Created script to cross-analyze housing data with public transportation maps

SKILLS

Programming: C++, Python, C, JavaScript, Groovy, Bash/Shell, HTML/CSS, React, Processing, MySQL, MongoDB, SML, Scheme, Latex, Linux, Jenkins, Git, Agile, JIRA

Software: AutoCAD, Autodesk Inventor, Revit, 3ds Max, Adobe Photoshop, Microsoft Office

Languages: English, Spanish (conversational)

EDUCATION

[Tufts University, Medford, MA](#)

Bachelor's Degree

GPA: 3.71, Dean's List

Computer Science & Architectural Studies, May 2018

Computer Science & Math Courses: Data Visualization, Algorithms, Networks, Machine Learning, Security, Programming Languages, Linear Algebra, Calc III, Differential Equations

Architectural Studies Courses: Politics in Urban Space, Urban Sociology, Boston Urbanism & Architecture, Global Cities, Land Use Planning, Intro to Human Factors Design

LEADERSHIP EXPERIENCE

[Technology Volunteer for Boston Immigrant Justice Accompaniment Network \(BIJAN\), Fall 2018 – Present](#)

- Designed migration of sensitive organization information from Google Drive to an encrypted database
- Configured database user interface (DBUI) application to run on a protected server & customized application for organizational needs
- Managed user account setup, system stability, and documentation

[Teaching Assistant for Comp 105 \(Programming Languages\), January 2017 – May 2018](#)

- Held office hours to assist students with homework assignments
- Taught weekly recitation to guide students through practice problems
- Graded programming projects, proofs, and exams

INTERESTS

Painting & drawing, running, rock climbing, knitting, cooking