

Jonathan “Sam” Stern
203 Grove Ave, Falls Church, VA 22046 | 703-342-7179 | sternj@brandeis.edu
github.com/sternj

SKILLS: Go, Java, HTML/CSS, Linux (Deb and RHEL), Python, NGINX, Git, Scheme,
Arduino, Bash, LaTeX, WordPress, Soldering, recording engineering

EDUCATION

Brandeis University, Waltham MA

Current course of study: Computer Science, BS, 3.78 GPA

Expected May 2020

Honors:

Dean’s List: Fall ’16, Spring ’17, Fall ’17, Spring ’18

Relevant Courses:

Honors Linear Algebra
Data Structures
Distributed Systems
Intro to AI

Software Engineering
Operating Systems
Advanced Programming Techniques
Intro to Proofs

George Mason High School, Falls Church, VA

High School Diploma, IB Diploma, Valedictory Scholar, National Honor Society

June 2016

EXPERIENCE

The Motley Fool, Alexandria, VA

June – August 2018

SiteOps Intern

- Move critical web applications to newer versions of Django and upgrade related dependencies
- Deployed fixed versions to virtual infrastructure with GoCD
- Deployed new versions of applications to production environment

Brandeis University Computer Science Systems Operations Office

March 2018 – present

Guru

- Help maintain departmental Linux server cluster
- Provide support to students and faculty for Mac and Linux desktops and Linux servers
- Develop new account request system in Flask and Shibboleth
- Overhauled NFS home directory routing on department-owned macOS desktops

Brandeis University Department of Computer Science

Spring ‘18

Teaching Assistant, Advanced Programming Techniques in Java (COSI 12B)

- Tutor students in advanced data structures, unit testing techniques, and code style in Java
- Grade students’ code style on basis of repetition, “Boolean zen”

Brandeis Information Technology Services Help Desk

Fall ‘17

Technician

- Provide first-tier technical support to Brandeis University students, faculty, and staff
- Support a wide variety of software and hardware on Windows, macOS, and Linux

Broadcasting Board of Governors, Washington, DC

May – August 2017

Intern

- Deployed new candidate server-side solutions for video web-streaming
- Worked on making broadcast equipment verification emails more readable using client-targeting HTML
- Used R and Python-based solutions to merge data in SPSS

WBRS 100.1 FM

2017 – present

Technical Director, Studio Manager 2016-present, Asst. Technical Director 2016-17

- Deploy new software solutions for automation and broadcasting, and direct acquisitions for WBRS recording studio
- Lead, train, and schedule team of engineers in WBRS recording studio
- Assist technical director on short- and long-term planning for equipment and repairs in radio station