

# Selena Groh

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## EDUCATION

### Tufts University

Medford, MA

Bachelor of Science in Computer Science and Cognitive and Brain Sciences

Expected May 2019

GPA 3.99, Phi Beta Kappa, and Dean's List

**Relevant Courses:** Web Programming, Programming Languages, Visualization, Computer Security, Algorithms, Mobile Development, Ethics for AI, Autonomous Intelligent Robotics

## PROFESSIONAL EXPERIENCE

### XPO Logistics, Inc.

Boston, MA

Tech Program Intern

June – August 2018

- Designed and engineered a global website content management system (Django, Python, HTML, CSS)
- Implemented the redesign of the new XPO Logistics website (Django, Python, HTML, CSS)

### InterSystems Corporation

Cambridge, MA

Quality Development Intern

May – August 2017

- Evaluated a distributed storage system's vulnerability to file system corruptions by substantially adapting an existing fault injection framework (Python, C, SQL)
- Created a web application to visualize fault injection results (AngularJS)
- Analyzed throughput performance of mirrored database systems with simulated latency

## ACADEMIC EXPERIENCE

### Tufts University Computer Science Department

Medford, MA

Programming Languages Teaching Assistant

September 2018 – Present

- Explained challenging fundamentals of programming languages to students in intermediate level course

## PROJECTS

### Blocking Tracker, [goo.gl/ekppfN](https://goo.gl/ekppfN)

September – December 2017

- Designed, implemented, and published an Android application for stage managers (Java)

### Float Four, [float-four.herokuapp.com](https://float-four.herokuapp.com)

February – May 2017

- Designed and implemented a web variation of Connect Four (JavaScript, Node.js, HTML, CSS)

## SKILLS

**Programming Languages:** Python, HTML, CSS, C++, C, JavaScript, Java, SQL

**Frameworks:** Django, AngularJS

**Software:** Sublime, Android Studio

## EXTRACURRICULARS

### Pen, Paint, and Pretzels

Medford, MA

Secretary, Stage Manager, and Producer

January 2016 – Present

- Plan and execute events as an executive board member of Tufts' umbrella theater organization
- Manage over 60 actors, technicians, designers, and musicians to ensure smooth execution of student theatrical productions

## HONORS

Champion on the 2014 Jeopardy! Teen Tournament