

Selena Groh

Full-Stack Software Developer | [in](#) [o](#) [selena-groh](#) | [selenagroh.com](#)

224.388.9406
selena.groh@gmail.com
Somerville, MA

EDUCATION

Tufts University	Medford, MA
Bachelor of Science in Computer Science and Cognitive and Brain Sciences	May 2019
<ul style="list-style-type: none">- GPA 3.99, Summa Cum Laude, Phi Beta Kappa, and Dean's List- Relevant Courses: Web Programming, Programming Languages, Visualization, Human-Computer Interaction, Designing for Generation Z and Beyond, Computer Security, Mobile Development, Ethics for AI, Autonomous Intelligent Robotics	

PROFESSIONAL EXPERIENCE

XPO Logistics, Inc.	Boston, MA
Tech Program Intern	June – August 2018
<ul style="list-style-type: none">- 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
<ul style="list-style-type: none">- 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 – May 2019
<ul style="list-style-type: none">- Explained challenging fundamentals of programming languages to students in intermediate level course	

PROJECTS

Human Interaction Lab Conversation Transcripts	September 2018 – May 2019
<ul style="list-style-type: none">- Designed and implemented transcript browsing application for conversation analysts (React, TypeScript)	
Pen, Paint, and Pretzels, tufts3ps.com	November 2018 – May 2019
<ul style="list-style-type: none">- Redesigned and implemented an upgraded website for Tufts' student theater organization (WordPress)	
Gender in Shakespeare, selena-groh.github.io/gender-in-shakespeare/	November 2018 – December 2018
<ul style="list-style-type: none">- Designed and implemented visualizations of gender in Shakespeare's plays (JavaScript, HTML, CSS)	

SKILLS

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- **Programming Languages:** Python, HTML, CSS, C++, C, JavaScript, TypeScript, Java, SQL
 - **Frameworks:** Django, AngularJS, React
 - **Software:** Sublime, Android Studio

EXTRACURRICULARS

Pen, Paint, and Pretzels	Medford, MA
Secretary, Stage Manager, and Producer	January 2016 – May 2019
<ul style="list-style-type: none">- Plan and execute events as an executive board member of Tufts' umbrella theater organization- Manage actors, technicians, designers, and musicians to ensure smooth execution of theatrical productions	

HONORS

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- Champion on the 2014 Jeopardy! Teen Tournament