Selena Groh

Full-Stack Software Developer | in 🔗 selena-groh

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Somerville, MA

EDUCATION

Tufts University   **Medford, MA**
Bachelor of Science in Computer Science and Cognitive and Brain Sciences   **May 2019**
- 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
- 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 – May 2019
- Explained challenging fundamentals of programming languages to students in intermediate level course

PROJECTS

Human Interaction Lab Conversation Transcripts   September 2018 – May 2019
- Designed and implemented transcript browsing application for conversation analysts (React, TypeScript)

Pen, Paint, and Pretzels, tufts3ps.com   November 2018 – May 2019
- 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
- Designed and implemented a web variation of Connect Four (JavaScript, Node.js, HTML, CSS)

SKILLS

- **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
- 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

- Champion on the 2014 Jeopardy! Teen Tournament