CAROLINE SEKEL

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EDUCATION

Bachelors of Science, Computer Science, May 2020
University of Connecticut, School of Engineering, Storrs, CT
Software Design & Development concentration, Women, Gender & Sexuality Studies and Mathematics minors
Dean's List Engineering, New England Scholar, Honors Program

Certificate, Visual Design, June 2018
iXperience, Berlin, Germany

EXPERIENCE

Engineer II | The TJX Companies Inc. | Marlboro, MA   03/2022 - Present
- Champion DevSecOps transformation by collaborating with DevSecOps team to implement nightly deployments and scheduled testing using Jenkins and Eggplant DAI
- Own feature for managing sale transaction data for testing returns with receipt - design and develop solution by leveraging performance engineering script, implementing additional functionality using LoadRunner, C, and SQL - integrate with Eggplant test automation scripts to increase test coverage
- Serve as subject matter expert for IntelliQa robotics integration for payments testing - independently manage 5 robots, test media, and test case scripts for each - communicate with payments team and external vendors to escalate defects

Engineer I   06/2021 - 03/2022
- Collaborated with engineers, product owners, and QA analysts in a SAFe environment to develop test automation for the Point of Sale and Payments ART
- Decreased manual testing time by automating 25% of functional regression test cases over 3 PIs using Eggplant Sensetalk
- Supported effective collaboration and communication by participating in code reviews and reviewing pull requests, pairing to remove blockers, and assisting with lab and environmental issues

Early in Career Engineering Cohort   04/2021 - 06/2021
- Participated in 10-week training and onboarding program, focused on fullstack development, with a global team of 25 EIC engineers
- Worked with cohort to design, build, test, and deploy a web application to track customer orders, using Node.js, Express, SQL, Github, and Azure DevOps
- Led team of 5 to design and implement the frontend of the application using Figma, EJS, Axios, Bulma CSS, and Vanilla JS
- Voted "Team Player" by peers

Brand and Web Designer | Medical Minds Matter | Remote   10/2020 - 04/2021
- Collaborated with internal stakeholders to translate organization's needs into functional brand design
- Created brand assets and developed brand guidelines, collateral, and tool kits to be used across the organization
- Rolled out revised visual identity on the website and improved user experience by updating information architecture

Tutor | UConn Engineering Tutoring Center | Storrs, CT   08/2018 - 05/2020
- Guided students to creative solutions for challenging problems, in introductory – 2000 level math, physics, and computer science courses

Software Engineering Intern | MediaMath | New York, NY   06/2019 - 08/2019
- Successfully completed projects for the data management platform in an agile environment by collaborating with a cross-functional team of engineers and product managers
- Implemented and deployed monitoring system to test latency for 100+ global sync partners across user synching technology/product using Python and Grafana
- Completed Digital Marketing and Programmatic certifications

Teaching Assistant | UConn School of Engineering | Storrs, CT   08/2018 - 12/2018
- Supported 60+ students in Introduction to Discrete Systems by providing supplemental instruction and holding weekly office hours
- Assisted professor by grading assignments and providing feedback on student progress

UX Design Intern | Brainbot Technologies | Berlin, Germany   06/2018 - 07/2018
- Improved user experience for Raiden Network by spearheading the redesign of the web user interface
- Created wireframes, high-fidelity mockups, and prototypes using Adobe XD and collaborated with developers to iteratively improve the design

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LEADERSHIP
Vice President | TEDxUConn | Storrs, CT   08/2018 - 05/2020
- Oversaw coordination between five committees to fund, organize, and execute annual full-scale TEDx Conference for 200 attendees
- Chaired design committee to maintain conference brand and visual identity

Vice President of Administration | Pi Beta Phi | Storrs, CT   12/2018 - 12/2019
- Coordinated record-keeping, reporting, and communication with headquarters for a chapter of 140 women
- Oversaw annual calendar and ensured the fulfillment of programming expectations

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PROJECTS
Room Reservation Application | Synchrony | Storrs, CT   08/2019 - 05/2020
- Worked with team of four to conceptualize, document, design, and develop a mobile application to manage conference room reservations for Synchrony's Innovation Station
- Utilized Ionic Framework, Angular, SQLite

SKILLS
Figma, HTML, CSS, JavaScript, SQL, Python, Java, C, JIRA/Confluence, Git/Github, Eggplant

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CONTINUED EDUCATION
Foundation HTML, CSS + JavaScript, SuperHi
Introduction to Java 11 Using Eclipse, Web Age Solutions
Certified SAFe 5 Practitioner, Scaled Agile Inc.
Eggplant Functional and Digital Automation Intelligence certifications, Keysight