

EMILY R. CREAGER

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SKILLS

Languages	Python, JavaScript, SQL, C, HTML, CSS, Microsoft SQL Server
Tools	Selenium, Postman, Snowflake, Git, JIRA, SendGrid, Spotfire, Unix, Katalon, Excel
Libraries	Pandas, NumPy, Multiprocessing, Scrapy, Matplotlib, SciPy, Seaborn, OpenCV
IDEs	PyCharm, Atom, Microsoft SQL Server Management Studio, Visual Studio, emacs

EXPERIENCE

Blue Triangle Technologies, *Senior Data Scientist* 01/2018 - Present

- Developing Python scripts to automate dozens of scheduled reports.
- Querying and manipulating large data sets for analysis using SQL.
- Scraping websites with Python for unauthorized words, GDPR/CCPA compliance, and CSPs.
- Distilling unstructured, disparate data sets into meaningful visualizations with Python.
- Creating stable, reliable Selenium test cases across 50+ domains.
- Writing lightweight JavaScript code compatible with modern browsers to customize data collection.
- Mentoring internal & external teams on automation, website performance, and APIs.

Solium Capital, Inc., *Implementation Manager* 07/2016 - 05/2017

- Developed, adapted, and maintained SQL scripts for individual databases.
- Managed 15 client projects, time lines, and configurations simultaneously.
- Analyzed data for logical inconsistencies during extraction with SQL.
- Fully documented all major steps of each project in JIRA and Confluence.
- Provided training and technical support for clients.

Accelerator Mass Spectrometry Laboratory, *Research Assistant* 05/2014 - 05/2016

- Designed and constructed high precision gas ionization detector coupled with solid state detector.
- Fabricated silicon nitride foils through UV lithography & plasma etching.
- Simulated electric fields within detector using MATLAB.
- Determined detector specifics by modeling ion interaction.

Women in Science & Engineering, *Vice President & Team Lead* 08/2013 - 12/2014

- Internally promoted to Vice President after proving to be a strong team member.
- Resolved conflicts and managed relationships with multidisciplinary team.
- Participated in Executive Council to manage projects and intern professional development.
- Implemented experiential curriculum at conferences, mentoring programs, and expositions.
- Workshops attended: "Scientific Writing & Communication," "Personal Leadership Styles," and "Public Speaking."

EDUCATION

University of Arizona

Bachelor of Science, *Physics*