

# EMILY R. CREAGER

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## SKILLS

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| <b>Languages</b> | JavaScript, C, HTML5, CSS3, Microsoft SQL Server, MySQL                |
| <b>Tools</b>     | Mercurial, Git, SVN, Bugzilla, JIRA, Unix, Microsoft Office Suite      |
| <b>IDEs</b>      | Visual Studio, Brackets, Microsoft SQL Server Management Studio, emacs |

## PROJECTS

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**ercreager.github.io**, *Developer* 07/2017 - Present

- Designed, developed, & tested website using JavaScript, HTML, CSS, & Markdown.
- Created responsive, lightweight website hosted by GitHub and built by Jekyll.
- Implemented RSS feed to display blog posts.

**Mozilla Foundation**, *Volunteer* 05/2017 - Present

- Contributing to front-end of Firefox source code using JavaScript, HTML, & CSS.
- Developing, revising, and submitting patches for bugs with Mercurial, Unix, & Bugzilla.
- Employing desirable coding practices by following Mozilla coding style guide.

## EXPERIENCE

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**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.
- Simulated electric fields within detector using MATLAB.
- Fabricated silicon nitride foils through UV lithography & plasma etching.
- 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

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**University of Arizona** 05/2016  
Bachelor of Science, *Physics*