SOFTWARE ENGINEERING INTERN

PostingID: I010617
Company: SolarCity
Position Type: Full-time
College Major(s): Computer Science; Computer Engineering

Website: www.solarcity.com
Work Location: San Francisco, CA
Salary: DOE
College Level(s): Seniors, Graduates

OVERVIEW
SolarCity is committed to bringing cleaner, less expensive energy to more people – to make that happen, we have a dedicated group of software engineers working on the most interesting projects in the industry. We are looking for bright, talented and versatile software engineers to join our team and help us build tools and products that will accelerate the adoption of clean energy. The ideal candidate will be smart, driven, have a passion for learning and solving challenging problems and getting things done.

Roles and Responsibilities:
You’ll be responsible for designing and developing cutting edge web applications and microservices that sustain our continued growth. These projects will be challenging, but will play a key role in empowering our workforce and informing our customers and advocates. Some of the projects include:

- Internal tools to mobilize our workforce
- Customer applications to facilitate solar adoption
- Real-time energy production and consumption monitoring
- Distributed energy management using battery storage
- Graphical CAD systems for auditing and design
- 3D whole house energy simulation models
- Project management, scheduling, and resource allocation
- Complex financial fund modeling
- Gamification

Qualifications:

- Pursuing an undergraduate degree in computer science, computer engineering or related field
- Understanding of object-oriented design and development fundamentals
- Understanding of standard Web technologies like HTML, Javascript, CSS
- Understanding of MVC frameworks such as Angular JS and Backbone.js is a plus
- Understanding of relational and non-relational databases
- Detail-oriented, resourceful and able to manage shifting priorities
- Excellent written and verbal communication skills
• Ability to positively and effectively interact with internal and external customers
• Regular, reliable and predictable performance required
• Must be able to pass a pre-employment criminal screen.

Competitive compensation with many positions incentivized, paid training, full benefits package, 401(k) savings plan.

**Where to apply:**
Please email your cover letters and resumes to Richard Garcia at rgarcia6@solarcity.com