

## Tom Liao

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### Education

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**University of California, Berkeley** | Class of 2012

B.S., Electrical Engineering & Computer Science

B.A., Applied Mathematics (Systems Theory)

### Languages and Technologies

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**Objective-C:** Cedar, XCUITest, Cocoapods, Fastlane, Hockeyapp

**Java:** Java EE, Wildfly, Maven, Gradle

**JavaScript:** Backbone.js, React, Jasmine, Mocha, Chai, Sinon, NPM

**Other Technologies:** AWS, Jenkins, Git, SQL

### Work History

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**Sunrun** – San Francisco, CA

*Senior Software Engineer* | May 2016 – Present

*Software Engineer* | January 2012 – May 2016

- Guiding a new Sunrun project to support the latest sales processes
  - Managing team members via one on one meetings and helping develop their careers
  - Architecting the API interactions between the new platform and existing systems
  - Establishing standards for serverless applications at Sunrun
- Headed a cross-functional team to a successful launch of Sunrun's iOS sales application that has seen broad adoption by the company and improved key sales metrics by significant margins
  - Worked with product managers to define achievable objectives
  - Introduced architectural abstractions that greatly improved code quality
  - Set up automated deployment processes and UI integration tests
- Led implementation of various business-critical projects by coordinating cross-team resources and facilitating communication between developers and stakeholders. Initiatives include:
  - Improved the customer-facing sales process in a retail environment
  - Enabled a new class of financial products
  - Integrated with third-party savings calculators
  - Expanded capability to generate ePermits
- Supported pricing engineers
  - Developed and maintained Python utility tools
  - Acted as a liaison between pricing and platform engineers
- Developed a state-of-the-art Java EE pricing engine alongside a diverse team of engineers
  - Guided client-side JavaScript Backbone architecture in lieu of a dedicated architect
- Maintained legacy pricing software

**Cisco Systems** – San Jose, CA

*Technical Intern* | May 2011 – August 2011

- Developed modular libraries and scripts to monitor system information for wireless LAN controllers, Linux, and Windows systems
- Designed database for storage of data gathered from previously mentioned software
- Created a device manager web interface for users to interact with the gathered system information