

# ISAAC YOON

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## TECHNOLOGIES

### DAY-TO-DAY COMFORT

- JavaScript (ES6)
- HTML5 / CSS3
- Polymer & Lit Element
- Version Control (Git)
- Docker
- Postman
- Photoshop
- Unit Testing (Mocha/Chai)
- NPM
- AngularJS

### HAVE EXPERIENCE WITH

- JAVA
  - C++
  - React + React Native
  - MongoDB
  - MYSQL
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## EXPERIENCE

### SOFTWARE ENGINEER

Age of Learning, Glendale, CA, August 2017 – Present

- Migrate legacy applications written in AngularJS to Lit Element and rebuild current ABCmouse.com website using Polymer that is cross-browser/cross-device compatible and further optimized
- Build reusable Polymer components for newest P38 project that is both desktop/mobile compatible
- Develop and maintain internal curriculum development tools using AngularJS and tested with Mocha/Jasmine
- Develop pixel perfect pages in close collaboration with UI/UX designers
- Projects: ABCMouse.com, ReadingIQ.com, AdventureAcademy.com

### SOFTWARE ENGINEER FELLOW

Hack Reactor, San Francisco, CA, May 2017 – August 2017

- Instructed and supported 150+ students using Reactor Prep curriculum that includes basic and functional JavaScript
- Facilitated live coding sessions for 150+ students on commonly misunderstood topics
- Created solution lectures videos for previously completed sprints

### HIGH SCHOOL MATH TEACHER

Da Vinci Schools / Green Dot Charter, Hawthorne / Lennox, CA, May 2012 – June 2016

- Implemented a project-based curriculum in which students addressed real world issues using higher level math in Statistics and Calculus - for sample work, checkout <http://iyoona.weebly.com/about.html>
  - Conceptualized and initiated a 12th grade digital portfolio program to increase student self-advocacy, foster creativity, and document students' interdisciplinary projects
  - Analyzed students' academic assessment data to better provide student-catered teaching and achieved highest Geometry benchmark scores among all Green Dot Schools, consistently outperforming district averages by 25% in Pre-Calculus and Math Analysis and subsequently earned The Teacher of the Year Award
  - Designed and implemented a peer coaching system called the Math Coach program, an adaptation of Target's business model, that raises student leaders responsible for their respective groups' performance. This was adopted by 4 other teachers for its effectiveness in delivering hard results (19% increase) and accountability among students
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## EDUCATION

### HACK REACTOR

Advanced Software Engineering Immersive Program, December 2016 – March 2017

### JOHNS HOPKINS UNIVERSITY

Masters of Science in Educational Studies, 2013 - 2015

### UNIVERSITY OF SOUTHERN CALIFORNIA

Dual Bachelors of Science in Accounting & Business Administration, 2007 - 2010