

## Technical Skills

**Strong** Javascript | React | Redux | PostgreSQL | MongoDB | Express | Node  
**Experienced** ES6 | webpack | Git | Jest | PassportJS | Firebase

## Professional Experience

**Tutor** 2010 - Present

- Teaching high school mathematics and SAT to private students in the Fairfax County area.
- Creating personalized curriculums in order for students' grades and SAT math scores to improve.
- High school students receive a minimum of 700 on SAT Math and 750 on SAT Math II.

**Solomon Academy,**  
*Mathematics Teacher* 2012 - Present

- Teaching mathematics to elementary and middle school students.
- COGAT, IAAT, and TJHSST exam preparation and practice.
- Class sizes range from 2 to 10 students.

**PEG, Mechanical Engineer** 2017

- Prepare Manual J, S, and D for residential units all across the United States.
- Used WrightSoft to calculate loads, design ventilation system and recommend HVAC systems.

## Software Engineering Projects

**Movie-Tinder, Software Engineer & Product Owner** - [movie-tinder.herokuapp.com/](http://movie-tinder.herokuapp.com/)  
*Like movies, see recommended movies, and watch trailers.*

- Modeled and implemented MongoDB schemas to store application state using Mongoose ORM.
- Designed front end views using React, Redux, and CSS to build responsive web application.
- Utilized TMDB API for movie related data.

**Best Life Journal, Software Engineer & Product Owner** - [best-life-journal.herokuapp.com/](http://best-life-journal.herokuapp.com/)  
*Journal application for users to log and view their goals, tasks, gratitudes, and more.*

- Modeled and implemented MongoDB schemas to store application state using Mongoose ORM.
- Implemented PassportJS for user authentication.
- Developed RESTful API to handle updates and retrieval to Mongo database using Node/Express
- Designed front end views using React and CSS to build responsive web application.

**Developer Social Network, Software Engineer** - [developer-social-network.herokuapp.com/](http://developer-social-network.herokuapp.com/)  
*Network for developers to view and connect with other developers and read trending tech news.*

- Modeled and created MongoDB schemas to store application state using Mongoose.
- Implemented PassportJS for user authentication.
- Developed RESTful API to handle updates and retrieval to Mongo database using Node/Express
- Designed front end views using React, Redux and CSS to build responsive web application.

## Education

**George Mason University, B.S. in Biology** 2010 - 2015  
**George Mason University, B.S. in Mechanical Engineering** 2015 - 2017  
GPA 3.56

## Personal

Extremely passionate about teaching, learning, mathematics, and engineering.