

Seantay322@gmail.com  
704-458-2197  
Arlington, VA

# Sean Tay

## Full-Stack Developer

linkedin.com/in/seantayDC  
Github.com/seantay  
Seantay.me

## Summary

I'm a full-stack application developer who loves challenging the status quo and seeking creative solutions that are impactful. I'm a strong believer in continuous learning and I thrive in collaborative environments.

## Web Development Experience

**Good2Know** | <http://seantay.github.io/Good2Know/>

- Ice breaker app to introduce myself to my GA classmates using HTML/CSS, Javascript and jQuery.

**BookWorm** | <https://sean-bookworm.herokuapp.com/>

- Social media application for book lovers.
- This application was built using Ruby on Rails with a Postgres database.

**In the Moment** | <https://seantay.github.io/In-the-moment/>

- Dynamic dating application allowing users to update their profile with a variety of moments.
- Built using a Ruby on Rails backend serving a custom API and an AngularJS frontend.

**QuoteBank** | <https://sean-quotebank.herokuapp.com/>

- Application built in Express that randomly generates inspirational quotes.

**Hello World** | <https://hello-world-wdi.herokuapp.com/>

- Job search application allowing users to organize all job-search related tasks and resources.
- Multiple APIs were used to retrieve job postings and insightful articles from related blogs.
- Built using ReactJS and Ruby on Rails.

## Previous Experience

### ENERCON Services – Germantown, MD

Lead Responsible Engineer | April 2014 – May 2016

- Provided engineering consulting services to four nuclear power stations in the Northeast and Mid-Atlantic regions of the United States.
- Prepared a multitude of modification packages and calculations for new equipment and for replacing existing components.
- Provided over 300k in cost-savings with engineering solutions.

### URS Corporation – Monroe, MI

Consulting Engineer | April 2013 – April 2014

- Prepared accident coping strategies at Fermi Power Station relating to Post-Fukushima regulatory requirements.
- Provided engineering support on site: identifying risks, proposing solutions, and planning major on-site modifications.

### URS Corporation – Charlotte, NC

Systems Engineer | Nov 2010 – April 2013

- Designed four fluid systems for a new-build nuclear power plant in Mineral, VA.
- Worked closely with Mitsubishi Nuclear Engineering Team during the design process to improve the plant design in accordance with U.S. Standards.

## Education

### General Assembly – Washington DC

May 2016 – Aug 2016

- Full-time immersive program to learn full-stack web development with

### North Carolina State University – Raleigh, NC

Graduated May 2010

Bachelor of Science,  
Mechanical Engineering

## Skills

### Programming Languages

Javascript	Ruby
SQL	CSS/Sass
HTML	

### Libraries & Frameworks

AngularJS	Rails
React.js	Node.js
Express.js	Bootstrap
jQuery	

### Databases

PostSQL	MongoDB
ActiveRecord	NoSQL

### Testing, Versioning, & Deployment

Rspec	Jasmine
Git	Github
Heroku	AWS/S3
Firebase	

### CMS

Wordpress	Wix
WooCommerce	

### Organization

Trello	Evernote
--------	----------

### Language

Burmese

### Development

### Methodologies

Wireframing  
User stories  
Agile Development  
Responsive Design  
Test-Driven Dev.

### Protocol

Websocket

### Misc

AJAX	APIs
------	------