SARAH TWENEBOAH

Software Engineer

CONTACT

Email: tweneboahs@gmail.com

Location: Willing to Relocate

GitHub: https://github.com/tweneboahs

LinkedIn: https://www.linkedin.com/in/sarah-tweneboah-13126189/

Website: www.sarahtweneboah.com

SKILLS

- HTML
- AJAX
- CSS
- JavaScript
- React
- Git

LICENCES/ CERTIFICATES

- Scrimba - The Frontend Developer Career Path
- Educative - Web Development Unraveling HTML, CSS and JavaScript
- EIT (Engineer in Training)

EDUCATION

- Columbia University | New York, NY | 2015 - 2017

  Master of Science in Structural Engineering

- University of Florida | Gainesville, FL | 2009 - 2014

  Bachelor of Science in Civil Engineering

RELEVANT COURSES

- Computer Methods for Civil Engineers
- Linear Algebra
- Probability and Statistics for Engineers
- Finite Element Analysis

SOFTWARE

Visual Studio Code

SUMMARY

I made a transition from structural engineering to start a career as a software engineer. Since then I have been teaching myself the fundamentals of software engineering.

I can see many similarities between the world of structural and software engineering. Being self motivating, considering trade-offs, performance, the life cycle of projects and creating documents that are easy to understand and clean. This is why I am looking for a company where I can transfer these aspects I have already learned into my new role.

PERSONAL PROJECTS

HUNGRY-DOT

- Designed a game where a player has to "eat" a certain amount of dots in order to advance to the next level or win game
- Built features to allow player to interact with interface
- Used JavaScript, HTML and CSS to complete project
- https://github.com/tweneboahs/hungryDot

DRINKS ON ME

- Built an app allowing user to search for drink recipes
- Data loaded though JavaScript API
- Utilized CSS for app responsiveness
- Used JavaScript, HTML and CSS to complete project
- https://github.com/tweneboahs/drinksOnMe

WORK EXPERIENCE

MRCE | New York, NY | June 2019 - Nov 2020 | Structural Engineer

One of the first foundation engineering firms in NYC. Office has expanded across the Northeast, employing structural, geotechnical and CAD engineers.

- Performed long term, site investigations. Designed foundation structural elements considering new and existing conditions

KPFF | New York, NY | September 2016 - June 2019 | Structural Engineer

Structural and civil engineering firm with more than 1,000 employees in 20+ offices across the continental US.

- Managed projects throughout design life cycle, including meetings with design team, coming up with structural framing layout, creating drawings, responding to RFI's, and attending site visits

KPFF | Portland, OR | May 2016 - September 2016 | Structural Intern

- Created a script using Visual Basic in Excel in order to input loads into an structural model, making the process more efficient
- Created drawings and calculation packages to be reviewed by the building department