

## SIMON L. GIGLI

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Github: <https://sgigli.github.io/>

## SUMMARY

Software developer with strong analytical, quantitative and problem-solving skills. Highly motivated team player with clear oral and written communication skills.

## TECHNICAL SKILLS

Front-end	React — Javascript — HTML/CSS — Bootstrap
Back-end	Node.js — Express — Rails — Python — MongoDB — SQL — PostgreSQL
Tools	Git — AWS — <a href="https://socket.io/">socket.io</a>

## EDUCATION

B.A., Mathematics, Wesleyan University, Middletown, CT, May 2019

### Coursework

Differential & Integral Calculus  
Abstract Algebra  
Number Theory

Discrete Mathematics  
Real and Complex Analysis  
Computer Programming

Linear Algebra  
Probability/Statistics

## HONORS

Scholarship program, National Security Language Initiative for Youth (NSLI-Y), U.S. State Department, Kirov, Russia, Summer 2011

## EXPERIENCE

**Software Engineering Fellow** at General Assembly, Boston, MA, Jan. 2020

- Completed 400+ hours of coursework; individual and team based
- Built five full-stack projects with current technologies in software development
  - o **Photopia** Share your favorite photos, comments, and likes with friends in real time. Built with [Node](#), [React](#), [AWS](#), [Socket.io](#), [Express](#), and [MongoDB](#).
  - o **Chatter** Create chatrooms to connect with friends, family, and your neighborhood kickball team. Integrates [socket.io](#) for real time responses. Built with [Node](#), [Express](#), [MongoDB](#) and [Socket.io](#).
  - o **rUnwind** Log details of your daily runs, including your routes. See where locals are running to get ideas too. Built with [Node](#), [Rails](#), and [SQL](#).
  - o **Tic-Tac-Toe with Computer AI** Play against a competitive computer AI in this homemade version of the classic game. Built with [Node](#).
  - o **Party On** Get an answer to one the key questions of our time: where is the party? Built in a team with [Node](#), [Express](#), and [MongoDB](#).

**Mathematics Tutor** at Chevy Chase Prep, Summer 2018

- Tutored Middle and HS students; subjects ranged from Algebra to Pre Calculus

**Tennis Instructor** at Lafayette Tennis, Washington DC, After-school/Summer 2015-19

- Taught kids ages 4-12 at day camp and after-school programs
- Conducted and assisted with adult tennis clinics

**Summer Intern** at UBELONG, Washington DC, Summer 2014

- Offered volunteer programs to academic and corporate clients in developing countries while working at start-up company