



Jonathan Alland

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**Software & Web
Development**

2016 – Present

Ideas on Purpose Web Design Agency | Digital Implementation & Quality Specialist

- Collaborated with design and project management teams to maintain quality and uphold a consistent vision throughout the web development process.
- Programmed animations and other front-end components.
- Wrote functional specifications and other technical documentation.
- Profiled and optimized assets to load as quickly as possible.
- Worked with clients such as United Technologies and Stanley Black & Decker.

Summer 2014

AstraZeneca | Technology Intern

- Worked with advanced analytics team to develop a decision support system.
- Performed Requirements Analysis and investigated technical architectures.
- Designed activity diagrams, use case models, and UI wireframes.

**Experience With
Children**

Fall 2019 – Present

Girls Who Code | Volunteer Teacher

- Taught Scratch and Python programming to middle school students on weekends.
- Ran group lessons and helped students one-on-one.

Summers 2015 – 2019

John Hopkins' Center for Talented Youth | Residential Life Staff

- Supervised groups of up to sixteen 5th and 6th grade students, for eight hours per day.
- Visited class regularly to observe student performance and assist instructors.
- Led nightly meetings with students to address problems, reinforce expectations, and maintain a positive academic environment.
- Planned and ran recreational activities.

Spring 2013

Skidmore Early Childhood Center | Teaching Assistant

- Supervised preschool class of three- and four-year-olds.
- Identified and responded to moment-to-moment classroom needs.

Education

Skidmore College, Saratoga Springs, New York, 3.5 GPA
Bachelor of Arts, Human Computer Interaction, 2016
Dean's List Fall 2012, Spring 2013, Fall 2014