

# Andy Ju

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## Education

**Duke University** – B.S. Computer Science and B.A. Visual Media Studies (expected 2021)

GPA: 3.592 / 4.0

Coursework: *Operating Systems* (Spring 2019), *Algorithm Design* (Fall 2018), *Discrete Math* (Spring 2018), *Computer Architecture* (Spring 2018), *Data Structures and Algorithms Design* (Fall 2017), *AP Computer Science* (Java)

## Work Experience

**Data Structures & Algorithm Visualization** – Research Assistant Durham, NC

Undergrad assistant under Duke Professor **Susan Rodger**.

Aug 2018 - Present

Developing data structures and algorithm visualizations. Researching animation technology using **Java**, **Javascript/HTML5** and **custom scripting language parsers**.

**Pitch Story Lab** – Videographer / Producer Durham, NC

Produced and edited graphic and video marketing content for local businesses, generating **\$10,000**.

Dec 2017 - Present

**Elevate Coding Camps** – Founder / Web Designer / Head Instructor San Jose, CA

Founded CS bootcamp for 5th to 12th grade students teaching Java and Python. Headed team of **6** instructors. Designed website and managed overall operational logistics. Generated **\$4000** in revenue.

Dec 2016 - Present

**Sweet Rendezvous Ice Cream** – Web Designer / Senior Staff San Jose, CA

Worked on the complete redesign of the website for the Yelp! #1 rated ice cream store in San Jose. Create video and photo content and designed web-layout. Site has **100+** visits daily.

Nov 2016 - Aug 2018

**T/SWBAT: Online Homework Submission Platform** – Creator San Jose, CA

Developed **full-stack web app** with **500+ users**. **Recognized by Congresswoman Eshoo** during 2016 Congressional App Challenge

Nov 2015 - Aug 2017

## Leadership/Community

**The Cube: Premiere Entrepreneurship Living Group** – Rush Chair Durham, NC

Member of a Selective Living Group that is centered around innovation and entrepreneurship. Organized rush process and marketing.

Feb 2018 - Present

**Catalyst: Duke's pre-professional tech fraternity** – Member Durham, NC

Joined Duke's tech centered tech fraternity. Focused on creating projects, and interacting with the Duke community through tech activities

Oct 2018 - Present

## Skills

**Computer Science – Languages/Tools**: Java, Python, C++, Javascript, HTML/CSS, Wordpress, Linux Shell Script, Node.js, Amazon AWS EC2, Elastic Beanstalk

**Public Speaking** – Nationally ranked in high school impromptu speaking and policy debate (32nd).