

Andy Ju

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Education

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

GPA: 3.537 / 4.0

Coursework: *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

Undergraduate assistant working with Duke Professor **Susan Rodger**. Aug 2018 - Present
Developing animated outputs to help teach data structures and algorithms. Researching animation technology using **Java**, **Javascript/HTML5** and **custom scripting language parsers**.

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

Founded computer science bootcamp for 5th to 12th grade students Dec 2016 - Present
teaching Java and Python. Headed team of **6** instructors. Designed website and managed overall operational logistics. Generated **\$4000** in revenue.

Pitch Story Lab – Videographer / Producer Durham, NC

Produced and edited graphic and video marketing content for local Dec 2017 - Present
businesses, generating **\$10,000**.

Sweet Rendezvous Ice Cream – Web Designer / Inventory Manager San Jose, CA

Worked on the complete redesign of the website for the Yelp! #1 Nov 2016 - Aug 2018
rated ice cream store in San Jose, including graphics collection, site layout design, and marketing video contents creation. Also deployed website hosting and security configurations. Site has **100+** visits daily.

Leadership/Community

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

Member of a Selective Living Group that is centered on technological Feb 2018 - Present
innovation and entrepreneurship. Worked on group projects and pitches. Responsible for induction of future classes into living group.

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

Joined Duke's tech centered tech fraternity. Focused on creating Oct 2018 - Present
projects, and interacting with the Duke community through tech activities

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).

