Andy Ju

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Education

Duke University – B.S. Computer Science and B.A. Visual Media Studies, Class of 2021

<u>GPA</u>: 3.537 / 4.0

Key Coursework: *Algorithm Design* (Fall 2018), *Discrete Math* (Spring 2018), *Computer Architecture* (Spring 2018), *Data Structures and Algorithms Design* (Fall 2017)

<u>Awards</u>: National Merit Scholarship Finalist (2017), University of Pacific Debate 1st place (2016), Lockheed Martin Code Quest 3rd Place (2016)

Work Experience

Data Structures & Algorithm Visualization – Research Assistant — Durham, NC — Aug 2018 - Present

Undergraduate assistant working with Duke Professor **Susan Rodger**. Developing custom scripting language with corresponding data structure visualization–using **full-stack JS and HTML5**.

Pitch Story Lab – Videographer / Producer — Durham, NC — Dec 2017 - Present

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

Elevate Coding Camps – Founder / Web Designer / Head Instructor — San Jose, CA — Dec 2016 - Aug 2018

Founded computer science bootcamp for Java and Python. Headed a team of 6 instructors. Taught **100+ students** and generated **$4000**.

Sweet Rendezvous Ice Cream – Web Designer / Inventory Manager — San Jose, CA — Dec 2016 - Aug 2018

Designed and implemented website using Wordpress, HTML, and CSS for **#1 ice cream store** in San Jose. Site has **100+** visits daily.

T/SWBAT: Online Homework Submission Platform – Creator — San Jose, CA — Nov 2015 - Aug 2017

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

Leadership/Community

The Cube: Premiere Entrepreneurship Living Group – Rush Chair — Durham, NC — Feb 2018 - Present

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

Teaching Tech: Elderly Technology Literacy Program – VP — San Jose, CA — May 2016 - May 2017

Wrote lesson plans for students to teach **50+ elderly** how to use technology in San Jose community. Managed volunteering logistics of **30+ students**

Skills

Computer Science – *Languages/Tools:* Java, Python, C++, Javascript (Node.js, Angular, Express), HTML5/CSS, Wordpress, Linux, Amazon AWS EC2, Elastic Beanstalk

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