

# David Yan

Computer Science Major  
Duke University, Durham NC

david.yan@duke.edu  
<http://www.davidwyan.com>

## Education

### Duke University

*B.S. in Computer Science, Expected 2018*

Durham, NC

*2014 - Present*

## Work Experience

### Software Engineering Intern

*Chicago, IL*

Trading Technologies

*May 2016 - Aug. 2016*

- Developed new Javascript based features to enable efficient web trading on the TT Web trading platform and worked alongside full time engineers to resolve client-reported bugs within the TT web platform
- Created Slack integration service using Amazon Web Services SDK for NodeJS to instantly display live company analytics within a Slack channel
- Worked within Agile Scrum system and JIRA application to maintain workflow

### Primary Researcher

*Duke University Mobile Medicine Project*

Duke University

*Jan. 2016 - May 2016*

- Developed an iOS app in Swift to collect over 3 million minute by minute movement data points for Fitbit users
- Created scripts in Python to parse user movement data and export results in CSV format for rendering in Matlab

### Codestory Co-Founder

*Durham, NC*

Codestory

*Mar. 2016 - Present*

- Worked as a primary frontend developer on a web based 3D environment that gives users a visual representation of code execution
- Developed client side rendering of 3D models using BabylonJS

### Coursera Teaching Assistant

*Duke University*

Duke University

*Sept. 2015 - Dec. 2015*

- One of 4 TAs selected for a Google-sponsored course with over 2000 enrolled students
- Answered questions and helped troubleshoot students' programming errors in HTML, CSS, Java, and Python

### Undergraduate Teaching Assistant

*Duke Computer Science 101 Course*

Duke University

*Jan. 2015 - Dec. 2015*

- Led and taught a weekly lab programming section to roughly 30 students
- Held weekly consulting hours where I assist students with issues in their code

## Technical Skills

### Programming Languages

- Proficient in Java, Python, HTML, CSS, Javascript, NodeJS
- Experience with Angular, Amazon Web Services, R, SQL, Swift, Matlab

### Relevant Coursework

- Computer Science 190S: Adaptive Web Development for the Modern Internet
- Computer Science 201: Data Structures and Algorithms
- Computer Science 308: Software Design and Implementation