

# Kenneth Yuan

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## EDUCATION

### Columbia University

Sep 2016 – May 2020

*B.S. Computer Science, Psychology Minor*

- Honors: *magna cum laude*, Tau Beta Pi engineering honor society (GPA: 4.0)
- Courses: Machine Learning, Data Visualization, Natural Language Processing
- TA for Honors Data Structures and User Interface Design. Received the *Andrew P. Kosoresow Memorial Award for Excellence in Teaching and Service*.

## WORK

### Google

Aug 2020 – Present

*Software Engineer, YouTube Ads Infrastructure*

### Google

Jun 2019 – Aug 2019

*Software Engineer Intern, Analytics Intelligence*

- Developed front-end components in Angular and Java for Intelligence, a new feature of Google Analytics that allows users to perform free-form queries for data insights.
- Wrote server-side action to asynchronously load content into the insight cards and track view events, in response to Q&A queries from users.

### Google

Jun 2018 – Aug 2018

*Software Engineer Intern, Ads Human Evaluation*

- Implemented features for the new Ads Human Evaluation interface in AngularDart and Java, including a priority reordering functionality and a study management system to interface with datastores and let users manage their own experiments.

### Western Digital

May 2017 – Aug 2017

*Software Engineer Intern, Operations Technology*

- Revamped internal web portal to show real-time statuses of factory machines.
- Fixed status report file sharing system by creating an automated diagnostic bot in PHP to check for broken links.

## PROJECTS

### Computer Enabled Abilities Lab (CEAL)

Jan 2020 – May 2020

*Columbia University Computer Science Department*

- Worked with Prof. Brian Smith to launch his new lab, which explores solutions in accessibility by incorporating augmented reality and artificial intelligence.
- Developed lab website and archive infrastructure in Flask on top of a custom content management system, as part of a semester-long independent project.

### Density App

May 2018 – May 2019

*Columbia ADI Labs*

- Built Flask web app and React Native mobile app that estimate how full study spaces on campus are using a live feed of Wi-Fi access data.
- Implemented a user feedback system as well as prediction charts that use clustering to estimate occupancy on a given day of the week.

## SKILLS

Java, HTML, CSS, JavaScript/Typescript, Dart, Python, C, SQL, Git, PHP  
Flask, Angular, React Native, D3.js