

# Kimberly Yu

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## Education

### Arcadia High School

August 2017 - June 2021

- GPA: 4.0 Unweighted
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## Experience

### Let's Code, Inc. Instructor

March 2020 - Present

- Teach eight to twelve year-olds the fundamentals of programming in Python, Java, and Scratch
- Curated engaging curriculum with various projects using Codecademy, Google Classroom, and Repl.it
- Mentoring students in online Zoom meetings due to pandemic

### Toolip Foundation

February 2020 - Present

- Partnered with Kidsave to provide foster youth with coding lessons, striving for more equitable education
- Created interactive online activities to help potential adopters and foster youth bond
- Curated curriculum in Python, HTML, CSS, and Javascript using Repl.it

### Arcadia High App Development Team

November 2019 - Present

- Co-created Arcadia High Mobile to help community stay easily informed—providing news, event, and bulletin updates and reminders through mobile app
- Developed and designed iOS and Android apps using Swift and Java
- Programmed Content Editing System to populate apps with articles and send push notifications using Google's Firebase API, HTML, CSS, Javascript, and JQuery.
- Acquired over 2,000+ users—students, parents, AHS faculty, and other community members
- Recruited and taught eight new members to maintain the app in the future
- Currently implementing personalized purchasing and ID card functions

### CodeLabs Internship

July 2020 - August 2020

- Created Ambientflix—a movie recommendation system—based on one's ambient surroundings, which consists of their Twitter feed, Spotify playlist, geographic location, weather, and more.
- Worked in the data classification team, using Java and Springboot to construct the recommendation engine

### COSMOS UC Santa Cruz

July 2019 - August 2019

- Studied Machine Learning and Natural Language Processing with Prof. Narges Norouzi and Prof. Snigdha Chaturvedi.
  - Developed and presented a project on ML prediction of housing prices using a custom multivariate linear regression model.
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## Skills

- Java, Python, HTML, CSS, Javascript, Swift, JQuery, Google's Firebase API
- Visual Studio, XCode, Android Studio