

# Fiona Thendean

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## Education

**Carnegie Mellon University**  
B.S. Statistics and  
Machine Learning  
Double Major in Computer  
Science, Minor in Music  
Expected June 2022

## Skills

Java | Python | C  
HTML/CSS | Android Studio  
R | iMovie | GIMP

**Languages:** English,  
Mandarin Chinese, Spanish

LinkedIn:// fionathendean

## Relevant Coursework

15-122 Principles of  
Imperative Computation  
36-226 Introduction to  
Statistical Inference  
21-241 Matrices and Linear  
Transformations  
15-112 Fundamentals of  
Programming and CS  
36-225 Introduction to  
Probability Theory  
36-202 Methods for  
Statistical Data Science  
21-127 Concepts of  
Mathematics

## Projects

### Colorpop | 15-112 Term Project

- Created a strategy brick popping game, including a tutorial and a timed mode.  
Generated levels of difficulty with backtracking. Used Python.

### Codeday

- Created HexFit, an Android application that determines complementary colors to an uploaded image of a clothing item by analyzing each pixel to find the overall dominant color. Used Java and Android Studio.
- Won “Most Developed Application” Award.

## Work Experience

### SAS | On-Campus Leader | 2018-2019

- Establish on-campus connections to help promote the SAS brand and grow the community of SAS software users.
- Assist with the identification of student talent for SAS job/internship openings.
- Hosted SAS software demonstration events for student organizations (SWE, Data Science Club, Business Technology Group).

### Target | Sales Floor Team Member | 2018

- Hardlines Team Member. Provide exceptional customer service by assisting guests in finding products. Ensure that merchandise is organized on sales floor.

### Kwala Music | 2017-2018

- Taught private piano lessons to elementary school students.

## Volunteer Experience

### Music For You | Founder & Director | 2017-present

- Created a teen musicians outreach organization that regularly performs in music festivals and events, and senior homes.
- Held a benefit concert in which proceeds went to the “Harmony Project.”

### ACE Coding | Secretary & Treasurer | 2016-2018

- Taught middle school students the basics of Java and Python.
- Organized ACE Code Day, Tri-Valley’s biggest hackathon and coding workshop.  
Raised funds from company sponsorships.

## Organizations

### Society of Women Engineers | 2018-present

### Undergraduate Entrepreneurship Association | 2018-present

## Awards

NCWIT Aspirations in Computing SF Bay Area Affiliate Award Winner (2018)

1st Place in the U.S. Open Music Competition (2018)

National Merit Finalist (2018)