

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)