

DANIEL CHANG

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Education

University of California, Santa Cruz

Bachelor of Science in Computer Engineering

Santa Cruz, CA

Sep. 2019 – June 2023

- Dean's Honor List
- Cumulative GPA: 3.68/4.0

Relevant Coursework

- CSE 12 - Computer Systems and Assembly Language
 - CSE 13S - Computer Systems and C Programming
 - CSE 16 - Applied Discrete Mathematics
 - CSE 20 - Beginning Programming in Python
 - CSE 30 - Programming Abstractions: Python
 - MATH 19A/B - Calculus for Science, Engineering and Mathematics
 - MATH 23A - Vector Calculus
 - AM 10 - Mathematical Methods for Engineers 1
 - AM 20 - Mathematical Methods for Engineers 2
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Skills and Interests

Languages: Python, Java, C, HTML, CSS, JavaScript

Human Languages: English, Korean

Developer Tools: Git, Visual Studio Code, Pycharm, IntelliJ, Adobe (After Effects, Premiere, Illustrator, Photoshop), Maxon Cinema 4D, FL Studio

Hobbies: Creating Electronic Dance Music, Biking, Animation, Piano, Video Games

Experience

Barista

June 2020 – Jan. 2021

Blossom de Cafe

Poway, CA

- Hand-crafted quality beverages and desserts for a bustling cafe.
- Communicated with customers on a personal level, building lasting relationships with regulars.
- Worked with fellow employees as a team to efficiently complete tasks in a fast-paced environment.

Freelance Animator

Dec. 2014 – May 2018

RyeArtz

- Designed and animated unique 3D character rigs and environments within Cinema 4D.
 - Utilized After Effects to apply visual effects, synchronize music and sounds with animation.
 - Sold animations to 125+ clients and accumulated over 350,000 views.
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Projects

MoodTrack | *Python*

January 2021

- Utilized Spotify API to collect musical positiveness data for tracks in user's playlists and calculate an average positiveness per month for a span of five years.
- Implemented graph using Matplotlib to visualize change in mood based on data.