Ethan Domingo

1706 Linda Rosa Ave, Los Angeles, CA 90041

📞 909-618-6684 ✉ ethanddomingo@gmail.com in linkedin.com/in/ethan-domingo ⚙ github.com/Eddysunday012

Education

UC Santa Cruz · Sep. 2019 – current
Bachelor of Science in Computer Science · Expected Graduation: Dec. 2022
Current GPA: 3.74 · *Santa Cruz, CA*

Eagle Rock High School · Sep. 2015 – June 2019
High School Diploma · *Los Angeles, CA*
GPA: 4.3

Relevant Coursework

- Data Structures
- Machine Learning
- Algorithms Analysis
- Discete Mathematics
- Systems Programming
- Computer Architecture
- Linear Algebra
- Calculus

Technical Skills

Languages: Python, Java, C, C++, MIPS, RISCV, HTML/CSS, JavaScript, LaTex
Developer Tools: VS Code, Atom, Eclipse, Google Cloud Platform, Google Collaboratory, Jupyter Notebooks
Technologies/Frameworks: Linux, Windows, GitHub, Tensorflow, Arduino, Raspberry Pi

Projects

ASL Gesture Recognition Model | *Python, Tensorflow, Google Cloud Console* · **February 2021**
- Created a machine learning model using Python that classifies different images of ASL hand gestures to their respective letter on the English alphabet.
- Achieved an 95.7 % accuracy rating amongst a test size of 108 unique images.
- Utilized NumPy and MatPlotLib to visualize the entire data set of over 1000 unique images
- Utilized TensorFlow's convolutional network library to build the different layers of the model

COVID-19 Chat Bot (Made at LA HACKS) | *Python, Twilio* · **March 2020**
- Participated in UCLA's annual LA HACKS Hackathon and developed an automated COVID-19 Chatbot for elderly
- Programmed entirely with Python and utilized the Twilio API, which is an API that specializes in automated phone communication with programming and code
- Developed by a team of 3 individuals over the course of a single weekend

Raspberry Pi Line Detector | *Python, Raspberry Pi* · **March 2017**
- Designed a line detector that determines whether a tennis ball landed in or out of bounds on a tennis court
- Hardware that was utilized included a Raspberry Pi micro computer, a motion detector, and a miniature camera
- Programmed with Python on the Raspberry Pi Linux variant

Leadership / Extracurricular

Pilipinx Retention Program · **Spring 2020 – Present**
Coordinator · *UC Santa Cruz*
- Hosted and coordinated social events for the Pilipinx community at UC Santa Cruz with membership up to 150+ members
- Overlooked yearly budgeting and spending for events and resources
- Outreached to past UC Santa Cruz Alumni to guest speak at events and created an Alumni networking sheet for current and future members to utilize as a resource

Eagle Rock High School Tennis Team · **June 2017 – June 2019**
Head of Fundraising · *Los Angeles, CA*
- Organized a GoFundMe fundraiser and Christmas Tree fundraiser for Eagle Rock High School's Boys Tennis Team.
- Advertised on multiple platforms including posting on social media, handing out flyers, and writing letters to companies for financial support
- In charge of calling customers about their orders, organizing the trees for deliveries, mapping out the route for Christmas trees, and leading/ guiding the team throughout the fundraiser
- Ultimately raised up to $15,000 for the team

Eagle Rock High School Tennis Team   June 2018 – June 2019

Team Captain   *Los Angeles, CA*

- Lead High School Boys' Tennis team during the 2019 Spring Season
- Took charge in team practices and helped players improve their individual skills
- Finished the season as the third best team in the CIF Los Angeles Region

Achievements

UC Santa Cruz   September 2019 – Present

Santa Cruz, CA

- Dean's Honor list for for finishing the UC Santa Cruz's Winter 2020 Quarter with a 4.0 GPA
- Dean's Honor list for for finishing the UC Santa Cruz's Fall 2020 Quarter a with 4.0 GPA

Eagle Rock High School Tennis Team   September 2015 – June 2019

Los Angeles, CA

- Awarded most improved tennis player in 2015
- Awarded athletic scholar for finishing High School with a GPA of 4.3
- Awarded High Honor roll in high school (2016, 2017, 2018, 2019)
- Ranked as one of the top 8 doubles players in the CIF LA city section

Other

- Finished the full LA Marathon in 2015 and 2016