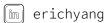
# **Eric** Yang

# Engineering Honors Computer Science Student at Texas A&M

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#### EXPERIENCE

#### MICROVENTURES | Due DILIGENCE INTERN

JUL 2021 - PRESENT | Austin, TX

- → Researched and written summary information on companies being offered to investors, preparing all necessary information for users of the platform to gauge the long-term potential of a company on tight deadlines
- → Conducted analysis on numerous offerings on the platform that grew to be record-breaking successful successful such as Sila Nanotechnologies—raising \$655K in 24 hours
- → Collaborated effectively with other analysts to produce well polished and reliable documents serving as an investor's first glance at a venture opportunity

#### MSBAI | ARTIFICIAL INTELLIGENCE INTERN

AUG 2019 - SEP 2020 | Los Angeles, CA

- → Developed artificial intelligence model that generates settings for non-expert users which removes technical barrier and saves an average of \$10,000 per project
- → Constructed standardized benchmarks to compare Auto Machine Learning model prototypes. The project was chosen by the U.S. Air Force for the \$1 million AFWERX Small Business Innovation Research contract
- → collaborated on project progress and provided weekly update to the team working with core engineers to trouble shoot
- → Built machine learning model from scratch for the example data set as another standard for the comparison of the AutoML models

# RESEARCH PUBLISHED ON SOLAR ENERGY, ELSEVIER | FIRST AUTHOR

MAY 2019 - JUN 2020 | Springfield, VA

- → Theoretically compressed Double Perovskites A2BB'X6 to improve performance as a solar cell material
- → Decreased the bandgap of crystals by up to 35%, largely increasing the viability of these crystals to be used as solar cell materials
- → Discussed the preparation of an environmentally friendly material as a solar cell material to reduce pollution from solar energy production.
- → Condense key information from 300+ academic articles in ten weeks
- → Published in the journal Solar Energy hosted on Elsevier with a 5.742 impact factor score and 4 citations in 2 years

#### LEADERSHIP

#### **CODEPATH TECH FELLOW** | CYBERSECURITY COURSE

OCT 2021- PRESENT

- → Instruct an introduction to cybersecurity class emphasizing on web vulnerabilities
- → Prepare course material to ease students into difficult and abstract concepts
- → Marketed course that helped increase the total applications to over 90 students
- → IDOR Sessions XSS SQL Injection Crypto User Authentication

# DISCORD ENTERTAINMENT BOT | LEAD DEVELOPER - PYTHON

DEC 2020 - PRESENT

- → Conceptualized project to encourage community engagement and activity
- → Organized team of four developers behind the bot that serves over 64K users
- → Features and brings a unique twist to user's economy, activity leaderboard, collectible figures, birthday reminders, moderation tools and much more

## **EDUCATION**

#### **TEXAS A&M UNIVERSITY**

B.S. IN COMPUTER SCIENCE **ENGINEERING HONORS** AUG 2021 - PRESENT | College Station, TX

GPA: 4.0/4.0 Graduation: 2025

## SKILLS

#### **PROGRAMMING**

Python • Java • C++ • SQL

# TOOLS/PLATFORMS

Git • Google cloud • Burp Suite

- Linux TensorFlow NumPy
- Pandas Matplotlib

### COMMUNITY

# INVOLVEMENT

#### Cybersecurity Club

AUG 2021- PRESENT

- Practical experience in reverse engineering, penetration testing, OSINT
- Contribute to marketing by creating promotional media and events

## Capture the Flag Competitions

SEP 2021 - PRESENT | Team of Four

- Cybersecurity Club CTF 1st
- NCL 100% Team 93% Solo
- MetaCTF 18<sup>th</sup> Nationally
- NSA Codebreakers Challenge - Task 6
- BuckeyeCTF 2<sup>nd</sup> Place U.S. Undergrad Category

## **Samsung Innovation Campus** Artificial Intelligence

NOV 2021 - PRESENT Establish Al fundamentals as 1st generation US SIC student

#### **TAMUHack**

SEP 2021, JAN 2022 | Team of Four

- Won Best UI in 24 hour hackathon in a team of four
- Programmed game logic and core mechanics