

Ray Hung

INCOMING SOFTWARE ENGINEERING INTERN AT FACEBOOK AND AMAZON

howard88tw@gmail.com | ruize-hung | 1-650-391-5309

Education

Georgia Institute of Technology

COMPUTER SCIENCE (JUNIOR) - GPA 4.00/4.00

Courses: Design & Analysis of Algorithms, Systems and Networks, Data Struct & Algorithms, Statistics & Applications

Atlanta, Georgia

Aug 2020 - May 2022

De Anza College

COMPUTER SCIENCE (SOPHOMORE) - GPA 4.00/4.00 (DEAN'S LIST)

Courses: C++/Java programming, SQL, Linux, Network Security, Linear Algebra, Differential Equations

Cupertino, California

Jan 2019 - Jun 2020

National Taiwan University

CHEMICAL ENGINEERING (FRESHMAN) - GPA 4.26/4.30 (TOP 1%)

Courses: Calculus, General Physics & Lab, General Chemistry & Lab, Mass & Energy Balance, Engineering Graphics

Taipei, Taiwan

Sep 2017 - Jun 2018

Professional Experience

EyeLevel.ai

DATA ENGINEER INTERN

- Used Python, Node.js, Postgres SQL to build a chatbot conversation analyzer that fetches conversation data from Facebook Graph API to analyze conversations and provides statistical results.
- Evaluated statistical results to obtain valuable insights into drop-offs, inconsistency, and dead-ends in conversations between chatbots and users.

Remote/California

Jul 2019 - Sep 2019

YektaSonics Inc

SOFTWARE ENGINEER INTERN

- Optimized C++/Python/Arduino beam-former calibration software and oscilloscope communication, making it 10x faster.
- Integrated small functional software components into a high-level human-machine interface software.
- Wrote shell scripts to automate beam-former software testing.

Los Gatos, California

Aug 2019 - Sep 2019

Extracurricular Experience

National Aeronautics and Space Administration (NASA)

STUDENT PRINCIPAL INVESTIGATOR - NASA PROPOSAL WRITING & EVALUATION EXPERIENCE ACADEMY

- Led a team of 7 college STEM major students to design and write a 7-page proposal about an "Advanced Virtual Reality Exercise System" that helps astronauts achieve 100%+ prescribed exercise completion rate.
- Our proposal was one of the top 4 rated among around 15 proposals.
- Learned the best practice of writing professional proposals and proposal evaluation procedures from NASA.

Remote/California

Sep 2019 - Nov 2019

NASA LUCY STUDENT PIPELINE ACCELERATOR AND COMPETENCY ENABLER (L'SPACE) MISSION CONCEPT ACADEMY

- Remotely cooperated with STEM major students to design a mission concept of characterizing a hydrocarbon sea (mare) on Titan, the largest moon of Saturn, and write a 35-page Preliminary Design Review (PDR).
- Used JMARS (a Planetary GIS Software) to find the best landing site for our probe.
- Learned mission procedures and protocols from NASA engineers and scientists.

May 2019 - Aug 2019

Global Initiatives Symposium (GIS) in Taiwan at National Taiwan University (NTU)

STUDENT DELEGATE

- Collaborated with team members to propose an AI system that mitigated overcrowding in emergency rooms by optimizing triage and providing medical referrals suggestion.
- Listened to inspiring speeches given by professionals and industry experts from around the world about AI, the platform economy, personalized learning, and micro power.

Taipei, Taiwan

Jul 2018

Biology Club, Taipei Municipal Jianguo High School

PRESIDENT

- Organized and ran a six-day biology summer camp consisting of lectures, visits, and activities. Our summer camp attracted around 120 junior high school students and was nominated for high school creative proposal competition held by the Tang Prize, receiving a subsidy of US\$3300.
- Managed more than 100 club members. More than 50 biology classes were offered by my club every semester.

Taipei, Taiwan

Sep 2015 - Jun 2016

Awards & Honors

U.S. National Top 30 - 2019 American Mathematical Association of Two-Year Colleges (AMATYC) Math Competition

Dean's List - For all quarters at De Anza College

Presidential Award (Top 5% in class) - For both semesters at National Taiwan University