# Hao Yu

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## EDUCATION

**Brigham Young University**                                                                                                   Apr 2020

Bachelor of Science, Emphasis in Computer Science                                                      Provo, UT

Minor in Mathematics
- GPA 3.8
- Academic and Department scholarship received at BYU
- Member of ACM Club
- Received training on languages and object oriented programing, algorithm optimization, Agile development, computer vision, and machine learning

**Brigham Young University - Hawaii**                                                                       2016 - 2020

Associate of Art and Science                                                                                            Hawaii
- GPA 3.95
- Took data analytic contract from local high school and brought satisfying result proved by professional data analyst

## SKILLS

**Proficient-** Java, C++, PHP, Git, SQL, HTML, Agile Development

**Moderate-** Image Processing, Machine Learning, System programming, Javascript, C, Python

## EXPERIENCE

**BYU Human Resource Development**                                                         March 2018-Present

*Full-stack Web Developer*                                                                                              Provo, UT
- Solely designed and coded web applications that serve over 3,000 frequent users
- Solely remodeled the database structure to enlarge department service variety
- Built and created company software that allows past resources being reused
- Built event RSVP system, health insurance reporting system, Payroll updating system, blog posting system, and health activity tracking system (Linked to FitBit data).
- Trained new employees and peers

**Brigham Young University Hawaii**                                                         May 2015 - June 2016

*Student Assistant*                                                                                                            *Hawaii*
- Increased department knowledge of customers by retrieving website usage stats
- Reduced office workload by 50% through setting up automatic room booking tools

## VOLUNTEER EXPERIENCE

**Church of Jesus Christ of Latter-day Saints**                                     April 2013 - April 2015

*Volunteer Representative*                                                                             *London*, England
- Spear-headed the opening of a new service area of a Chinese Community
- Trained new representatives in effective completion of daily duties
- Led a team of 12 in the volunteer work
- Achieve the second best working stats in the region

## PROJECTS

- A mobile card game on Android
- Board game on web page with PHP and JavaScript
- Machine Learning Algorithm to recognize user identity by keystroke pattern with LSTM and Python