VIVIAN YANG

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▲ TECHNICAL PROJECTS

AGRIMIND
Hyperparameter tuning **machine learning model for computer vision** for agricultural problems, e.g. to recognize/label different pigs

CONTROLLING TELEROBOTS OVER THE WEB USING NATURAL USER INTERFACE
Simultaneously reproduced body movement onto a robot.
Applications in disaster rescue and long-distance surgery.
- **C#/Java** to develop gesture control,
- **TCP/IP** sockets for data transmission,
- **LEJOS** for Lego NXT robot.

TEACHFX CONNECT (EDTECH SOLUTION)
Partner organization: TeachFX
- Needfinding: teaching is unique profession with no feedback from colleagues
- Ideating: mentorship platform connecting experienced/retired teachers and teachers seeking advice/feedback
- Prototyping: **Sketch & Marvel**
- Implementing: **ReactJS & Airtable**

🎓 EDUCATION

STANFORD UNIVERSITY | 2017-2021
BACHELOR'S DEGREE, CS

LORD BYNG SECONDARY | 2012-2017
INTERDISCIPLINARY MAJOR IN MUSIC AND LITERARY ARTS
LEADERS OF HOPE CLUB - PRESIDENT & FOUNDER
DEBATE TEAM - SENIOR PRESIDENT
LORD BYNG JAZZ BAND - PIANIST

✎ EXPERIENCE

DEBATER
STANFORD DEBATE SOCIETY | OCT 2017 -
- Top Stanford novice speaker at 2018 World Championships
- 4th top novice speaker at Oxford IV, 2nd at Providence IV
- Selected to judge Cambridge IV

ALUMNI RELATIONS ASSOCIATE
STANFORD GRADUATE SCHOOL OF BUSINESS | OCT 2017 -
- Facilitate flow of information from alumni relations office to individual alumni
- Manage accounting, attendance, and planning for reunions
- Organize databases and spreadsheets of alumni information

LANGUAGE TEAM LEAD, L4 (TOP-TIER) TRANSLATOR
AMARA (UNIVERSAL SUBTITLES) | AUG 2013 -
- Efficiently and accurately completed over 400 translation projects of content from coding to modern art
- Manager and contributor for over 150 teams in English, Chinese, French
- Sample Project: Udacity's Developing Android Apps course

RECRUITER
AMARA (UNIVERSAL SUBTITLES) | APR 2016 - MAR 2017
- Hand-picked candidates from volunteers and contacts
- Interviewed 44+/month to ensure ability and fit for Amara

ENGINEERING INTERN
TERADICI | AUG 2015 - AUG 2015
- Built Python module in Ubuntu to track & optimize build times in Excel with different cores & CPUs
- Worked closely with engineering manager to pitch ideas to VPs
- Familiarized with Agile methodology and Scrum Master role
- Designed and 3D-printed projects, including a clicker light

🎖 AWARDS

2017 JD FINANCE GLOBAL DATA CHALLENGE
3RD PLACE, $15000, PRIORITY INVESTMENT FROM JD FINANCE

2017 OXFORD INTER-VARSITY DEBATING COMPETITION
4TH TOP NOVICE SPEAKER, NOVICE FINALIST

2017 BASES SOCIAL IMPACT CASE COMPETITION
3RD PLACE, $100

2016 CANADIAN DEBATING NATIONAL CHAMPIONSHIPS
REGIONAL & BC CHAMPIONSHIPS, OXFORD CUP QUALIFIER

2015 SHAD VALLEY ENTREPRENEURSHIP CUP
BEST SCIENTIFIC PRINCIPLES PROJECT

2013 CANADIAN COMPUTING COMPETITION
JUNIOR CHAMPION - PERFECT SCORE

2012 CANADA-WIDE SCIENCE FAIR
SILVER MEDALLIST, BEST INFORMATION PROJECT, CSSE ENGINEERING AWARD, INNOVATION AWARD, UBC COMPUTER SCIENCE AWARD