Bill Ang Li

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Summary

Passionate and capable young man with more than three years of coding experience in languages such as Java and Python. Creative and critical problem-solver. Proficiently used Adobe Creative Suite software to edit yearbooks. Strong interest in machine learning and computer vision.

Past Projects

Bella - Best Use of Innovative AI/Deep Learning Interface at Hack Western 4, 2017

- Phone app that used the Muse headband to generate a dynamic Spotify playlist adjusted to the user's current mood.
- Trained feedforward algorithm to map input data from Muse headband to Spotify songs.
- Link to project: https://devpost.com/software/freeplay

SeatMe Software - Winner of Hack the 6ix 2017

- Used OpenCV to analyze human foot traffic by video processing.
  - Identifies empty seats by using human motion detection.
  - Updates web application in real-time to show available seating.
- Video demo: https://youtu.be/9fCjcV7Tvl0
- *Presentation:* http://tinyurl.com/SeatMePresentation

2D Fencing Platformer Game (Feb. 2016)

- Code: https://github.com/RobbieZhuang/FencingSimulator

Chat Software that works with multiple clients (Dec. 2016)

- Code: https://github.com/RobbieZhuang/BRBChat

Evolution simulator evolving simple objects that try travel across the screen (Feb. 2015)

Upbeat! - a rhythm game where players tap buttons to the music (Feb. 2014)

Work Experience

Camp Counsellor, Leacock LEADership Camp with Toronto and Region Conservation (Jun. 2017 - Sep. 2017)

- Led various survival camp activities for children from underprivileged areas of Toronto.
- Supervised all campers overnight.

Basketball Coach, York South Silver Knights (Oct. 2015 - Jun. 2016)

- Trained players to improve on different skills and teamwork.
- Supervised players to promote equal participation and safe behaviour.

Assistant Camp Counsellor, Plessisville Day Camp (Jun. 2015 - Sep. 2015)
- Led activities including arts & crafts, cooking and sports.
- Communicated effectively with campers, counsellors and parents while on an exchange program in Quebec.

Volunteer Experience (Over 500 hours during high school)

Mentor, CoderDojo Markham (Feb. 2015 – Apr. 2016)
- Assisted Lead Mentor in lessons in HTML, IBM Bluemix, Scratch and Jade Robot.
  - Debugged and identified areas of improvement in computer code of the young learners.
- Created interactive lesson plans for Turing by filling in as Lead Mentor.
  - Coordinated with Mentors to deliver an exciting and educative lesson.

Founder and President, RHHS TED-Ed Club (May 2014 - Jun. 2017)
- Organized logistics of the club to create a yearlong learning experience for club members.
- Orchestrated club members to different tasks in the organizing of two TED talk events with over 50 attendees.

Branch Vice-Chair, Prime Leaders of York Region (Feb. 2016 - Jun. 2016)
- Sustained productivity in branch by acting as an effective liaison between members, board of directors and sponsors.
- Mobilized branch members to organize events advocating for social issues.

Education

Computer Science, University of Toronto (Expected Graduation: 2021)

Richmond Hill High School (Sep. 2013 - Jun. 2017)
- Valedictorian of the Class of 2017.
- Volunteered for over 500 hours in support of various causes, such as Markham CoderDojo, Epilepsy Toronto and Newmarket Rotary Club.

Links for More Information

https://letscreateawesomeness.wordpress.com/

https://github.com/frozenfatpig

References available upon request