

Youhai Li

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Educational Backgrounds

University of Toronto **2018.09 - Now**

Computer Science Specialist & Statistics Major

Current overall CGPA: 3.85/4 Current CS CGPA: 3.90/4

University of Pennsylvania **2017.05 – 2017.10**

First year studies in Computer Science GPA 4.0/4.0

Wuhan University **2016.09 – 2017.09**

Student Research Assistant Program at School of Information Management

Awards & Certificates

Innis College Exceptional Achievement Award 2019.11

Certified SAS Data Analysis ADVANCED Programmer 2019.07

University of Toronto Computer Science Ambassador 2019.09

University of Toronto Admission Award 2018.09

Technical Skills & Stack

Programming languages: C, Java, Python, Visual Basic, Verilog, Assembly

Web Development: HTML, CSS, Express.js, Node.js, React, Bootstrap, MaterialUI

Databases & DBML: MongoDB, MySQL, PostgreSQL

Data Analysis: R, SAS, Excel

Operating Systems: Windows, Linux (Ubuntu)

IDE & Version Control: Visual Studio Code, JetBrains suit, Git

Testing Framework: Junit

Methodologies: OOD, MVC

Projects

Online Phonogenesis Course Platform: - MERN framework + MaterialUI

<https://github.com/Altair59/Phonogenesis-Quiz-Platform>

Flappy Bird: - Python NEAT module

<https://github.com/Altair59/NEAT-Flappy-Bird>

Online Banking Platform: - Java + Spring Boot + Vaadin

FRC Robotics: - Java

<https://github.com/Altair59/FRC-Robotics>

UTADA Hackathon site: - HTML + CSS + Bootstrap library

https://github.com/Altair59/utada_hackathon

KOTEI Informatics Corporation site: - HTML + CSS + Bootstrap library

<http://kotei-info.com/>

Experiences

University of Toronto Game Design & Development Club Developer 2019-

- 2D and 3D game back-end development under Unity3D, Python, and Java
- Participate in 2019 game making death matches

University of Toronto Application Development Association Developer 2019-

- Front-end development of UTADA Hackathon site
- Code refactoring of U of T Map: https://github.com/Gavin-L26/UofT_map

University of Toronto Department of Computer Science Ambassador 2019-2020

- Served as an official representative of the CS Department as volunteer at outreach events and activities throughout the year (Ontario Universities Fair, CS Mentorship program...)

FRC & CRC Lead Programmer, Team Captain, Mentor 2016-2019

- Lead Developer (2017-2018)
- Developed auto-driving period code pattern
- <https://www.thebluealliance.com/team/5308>

Professional Experiences

Summer Intern at Wuhan KOTEI Informatics Co., Ltd. 2019 summer

- Front-end developer for corporation website

Research Assistant at Wuhan University 2016-2019

- Developed Java App for Text Categorization Tool
- 3rd Author of *Categorizing Documents Automatically within Common Semantic Space*
http://manu44.magtech.com.cn/Jwk_infotech_wk3/CN/10.11925/infotech.2096-3467.2018.0314 (DOI: 10.11925/infotech.2096-3467.2018.0314)