

Tianhan Yuan

linkedin.com/in/tianhan-yuan
github.com/gtong900/pastprojects

2043 77th Street, Apt 01
New York, NY 11214
ty936@nyu.edu/(917) 833-0842

EDUCATION

New York University

Master of Science in Computer Science

New York, US

Expected May 2019

University of Hertfordshire

Bachelor of Science in Digital Technology in Mobile and Smart System track; GPA: 3.94

Hatfield, UK

July 2017

Changzhou Institute of Technology

Bachelor of Science in Software Engineering (Joint Program with UH); GPA: 88/100

Jiangsu, China

July 2017

TECHNICAL SKILLS

Programming Languages: C, C#, Java, Python, Visual Basic
Web Developing Skills: HTML, XML, CSS, PHP, SQL
Software Operation Skills: Microsoft Visual Studio & Office Suite, Adobe Premiere & Photoshop
& Flash & Dreamweaver & Illustrator, Autodesk 3ds Max

PROJECTS & RESEARCH

- **Smart Locker System (Industrial Graduation Project)** Oct 2016 – Mar 2017
 - *C#, UWP, Web Service, Windows10 IoT Core, Embedded System*
 - : Designed and developed a delivery storage system with optimization on user interface and security mode
 - : Developed an UWP application and deployed it to both mobile and IoT equipment
 - : Configured and managed database and server
 - : Enabled mobile device to obtain and process user geography location
 - : Explored the generation and identification of QR code with windows phone camera module
 - : Set up and programmed Raspberry Pi, touchable screen and proximity sensor
 - : Simulated locker system working environment
- **Interactive Website Development (Data-Driven Web Applications)** Nov 2015
 - *ASP.NET, C#, Database/SQL, HTML/CSS, Javascript, Google Map API, IIS*
 - : Designed and developed a dynamic scenic-spot website
 - : Collected, managed and displayed the text, image and geography data with dynamic website and database
 - : Realized travel destinations directory and keyword search with filtering and sorting
 - : Built the functions of user Registration/Login, Favorite saving, user Comments and destination Update
- **BB8 Robot (Smart Device Convergence and Application)** Feb 2017 – Mar 2017
 - *Mbed, Xbee, Arduino Motor Shield, WPF*
 - : Produced a robot, the moving status of which can be controlled and monitored remotely on PC end

ADDITIONAL RELEVANT COURSEWORK

- **Computer:** Design and Analysis of Algorithms I; Data Structures; C Programming; Object-Oriented Programming; Principles of Database Systems; Webcasting; Networking; Mark-up Languages and Metadata; Content and Asset Management; Smart Systems; Foundation of Computer Science.
- **Math:** Advanced Mathematics; Linear Algebra; Discrete Mathematics; Mathematical Model and Applications.
- **Security:** Information, Security and Privacy; Data Security and Biometrics.
- **Media and Design:** Digital Media Technology; Visualization & Animation Technology; Interaction Design; E-Enterprise and Entrepreneurship.

HONORS

- **First-Class Degree Honours:** University of Hertfordshire, 2017.
- **Students' Union Awards:** in recognition of outstanding contribution and commitment as Student Representative, University of Hertfordshire, 2016.
- **Academic Excellence Scholarship:** Changzhou Institute of Technology, 2013-2014 & 2014-2015.
- **Cultural Art & Social Volunteer Practice Scholarship:** Changzhou Institute of Technology, 2013-2014.