YAWEN TIAN

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EDUCATION

Bachelor of Science, Specialist in Computer Science, 3rd Year   **2012-Present**
University of Toronto
Department of Computer Science
Focus on Web and Internet Technologies
Relevent Courses

- Programming on the Web
- Introduction to Data Science
  - Coursera, with distinction

- Software Design and Development
- Introduction to Database Management
  - Coursera

CGPA(core courses): 3.25

TECNICAL SKILLS

- **Languages:** Python, Java, C, Matlab, R, LaTeX
- **Front End Web:** HTML5, CSS3, DOM, JavaScript, jQuery
- **Back End Web:** PHP, AJAX, JSON, MySQL, postgreSQL
- **Applications:** Subversion, Git, Eclipse
- **Frameworks:** CodeIgniter, AngularJS

RELEVANT EXPERIENCE

Attack On Plane   **October 2013 Ongoing**
- **HTML5** Game project implemented with **HTML5**, **JavaScript** and **jQuery**
- Lead the project in group of four with developers and graphic designers
- Hold weekly meeting with code review and progress discussion
- `http://franktian.github.io/Plane-battle/start-page.html`

IT Executive - student club <u>UTISEE</u>   **October 2013-Present**
- Maintain and update club website
- Implement a file management system for uploading and sharing club files in CodeIgniter
- Design and implement databases for storing club information
- Cooperated with other developers

Cloudiverse - Cloud Storage System   **October 2013-Present**
- Implemented in Model-View-Controller pattern with CodeIgniter
- Help with both front-end design and back-end logic
- Supported by U of T Hachery-`http://hatchery.engineering.utoronto.ca/students/`
- `https://github.com/SamuelChien/CloudiverseDev`

TANK BATTLE - Web Project,University of Toronto   **August 2013**
- Developed with **JavaScript** and **PHP**
- Constructed with the use of Model-View-Controller pattern in **CodeIgniter** PHP framework
- Required user to login or register for the first time
- Implemented multiple player mode applying **Database Cocurrency Control** and **JSON**

JTunes - Team Project, University of Toronto   **March 2013**
- Developed a music player in **Java** with three fellow students in **Agile** environment
- Weekly scrum meeting for a month with sprint backlog and product backlog record
- Implemented playing, pausing songs, creating and deleting playlist,
- Implemented cloud based server **JCloud** for downloading songs
- Constructed Subversion repository for version control

HELICOPTER BOOKING SYSTEM - University of Toronto   **July 2013**
- Created with **jQuery**, **jQuery UI**, **PHP**
- Designed and implemented professional interface with **jQuery UI**
- For U of T students to take a helicopter to transport between campus
- Implemented **form validation** on the client and server side

Painting Tool - Web Project, University of Toronto   **June 2013**

- Implemented with **HTML5** canvas, **CSS**, **JavaScript**, **KineticJS**
- Designed a painting application that allow user to draw customed shapes
- Received final grade of 97%.
- `http://franktian.github.io/Painting-Tool/`

ADDITIONAL EXPERIENCE AND EXRTA-CURRICULAR ACTIVITIES
- **Orbis Challenge**, University of Toronto - Participant, Competed with a fellow student to design AI in **Python** for the bombman game (2013)
- **Hacker Academy Code Dojo**, University of Toronto - Participant, Solve a series of challenging problems (2013)
- **Ace Manager**, BNP Paribas - Participant, Online investment competition around the world. Ranked top 600s among over 4000 teams (2013)
- **Home For Dinner**, University of Toronto - Volunteer, Prepare food for the families suffered from severe diseases (2012)

HOBBIES
- Musical Instruments: piano   **2009 - Present**
- Solve Rubik's Cube   **2008 - Present**
- Sports: basketball, badminton, soccer