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# 郑昊旻

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### Profile

Studying at McGill University for Master of Science in Computer Science, I am a enthusiastic developer with rich working experience. Before coming to Canada, I had been employed by UCWeb Inc. in Guangzhou, China, for 3 years as software engineer, programming iOS web browser. Equipped with both theoretical computer science knowledge and practical implementation skill, I am a quick learner for new technologies, and can also easily adapt into new environment.

### Employment History

#### **UCWeb Inc., Guangzhou, China — Feb 2011- May 2014**

Software Engineer on iPhone platform.

Best new employee award in the first year.

Promoted three times within the first two years.

Working as a core team member to implement various features for the flagship product of UCWeb Inc., UC Browser on iPhone platform, I also occasionally provide assistant for the iPad team. Also done research on the feasibility of some experimental ideas for new features, and have led a small team of 3-4 to tackle a complex task.

### Education

#### **McGill University, Montreal, Canada — Master of Science, Computer Science, 2014-present**

Taking courses such as Algorithmic Game Theory, Applied Machine Learning, Modern Computer Games, Computer Graphics, Computer Vision.

Have done machine learning research project such as predicting bike lane usage in Montreal.

Teaching assistant for graduate level course Software Language Engineering.

Expected to graduate in May, 2016.

#### **电子科技大学 University of Electronic Science and Technology of China, Chengdu, China — Bachelor of Engineer, Computer Science, 2007-2011**

Outstanding new student award upon entry.

Scholarship for the following two years.

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2009 ACM International Collegiate Programming Contest - Third award within Chinese competitions.

2010 National English Contest for College Students - First award

### Other Experience & Achievements

#### Member of 非凡动力/Ultra Force Studio (Student Activity Group in UESTC)

As iPhone platform software designer and instructor.

#### 时尚健康/**Fashion & Health** magazine, Sept. 2010 Special Issue iPad Version

Brought 100+ physical pages onto the iPad, reimagined with countless animations, multi-media content and interactions. Responsible for about 70% of the whole program.

#### Applied for Patent:

#### Method and device for synchronizing display modes between browser and webpage (Publication No. 103258038A)

Describes a method using JavaScript and CSS in conjunction to maintain a unified and comfortable reading experience in a mobile browser through different lighting conditions.

### Skills

Language: Chinese - mother tongue; English - fluent (TOEFL 103, GRE 320)

Proficient in C / Objective-C / C++ programming on iOS platform with 3 years of developing experience on commercial product, mainly focusing on UI elements, user interactions, data structure and animations.

Thorough understanding of modern computer networking system, can flexibly utilize HTTP protocol, PB protocol, TCP/IP protocol.

Understanding of mechanism in modern mobile browsers, especially Webkit, e.g. resource management, render process, cache policy, etc.

Familiar with Unity 3D game design.

The ability to lead a small group, divide and arrange tasks, analyze potential risks and devise solutions to counter them.

Fast learner for new programming language and new technology. (e.g. learned LaTeX in one week to write project report, learnt Python in two weeks to build complex machine learning algorithm)

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