

# Deqing Qu

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Top Skills: Objective-C, C++, JavaScript, Node.js, Python, PHP

## Work Experience

**Teaching Assistant**, Oregon State University Sep. 2017 – Dec. 2017

- CS290 Web Development (**JavaScript, Node.js**)
- CS496 Mobile/Cloud Software Development (**Google App Engine, Python**)

**App Architect and Lead Designer**, Qifengle Tech, Hefei, China Aug. 2013 – Jun. 2016

- Implemented two social apps for groups in communities and universities (**Objective-C**)
- Led app development in **agile** process and introduced **design patterns** to improve the maintainability and flexibility of the apps
- Designed and implemented **RESTful APIs (PHP, JavaScript, Node.js)**

**Software Developer**, Umedia Tech, Hefei, China May 2011 – Jun. 2013

- Implemented magazine apps for Restaurant Review and Travel+Leisure (Chinese version) with more than 5,000 downloads (**Objective-C**)
- Setup and supported the server cluster for UP Ads Platform (**Nginx, Linux**)
- Implemented Ads SDK for UP Ads Platform (**Objective-C, PHP**)

**Research Assistant**, Hefei University of Technology, China Sep. 2008 – May 2011

- Designed an algorithm for Volume Data Transfer Function based on Neutral Networks
- Implemented volume dataset rendering and Neutral Networks on CPU and GPU (**C++, Cg, CUDA**)
- Involved and implemented virtual scene simulation games using ORGE as rendering engine (**C++**)

## Education

**M.S. of Computer Science (Software Innovation Track)** Sep. 2017- Jun. 2019

Oregon State University (expected)

GPA: 4.0

**M.S. of Computer Science (Computer Graphics and Visualization)** Sep. 2008 – May 2011

Hefei University of Technology, China

GPA: 3.27 Ranking: 3/34

**B.S. of Computer Science** Sep. 2004 – Jul. 2008

Hefei University of Technology, China

GPA: 3.42 Ranking: 10/211