

# XIAOMENG XIE

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## EDUCATION

<b>University of Florida</b>	<b>Dec 2018</b>
M.S. Computer Science	GPA: 3.77/4.00
<b>Ocean University of China</b>	<b>Jul 2010</b>
M.S. Communication and Information System	GPA: 3.2/4.00
<b>Anhui Technological University (China)</b>	<b>Jul 2007</b>
Communication Engineering	GPA: 3.5/4.00

## TECHNICAL SKILLS

**Programming Language:** Java, C, JavaScript, Typescript, HTML5, Go, CSS, XML, Elixir.

**Frameworks:** Node.js, jQuery.

**Tools:** Angular, Android Studio, Eclipse, Visual Studio Code, Spectra2.

## WORK & INTERN EXPERIENCE

- **Software Engineer, Nokia** 7/2010 – 4/2014  
Designed and developed automation test scripts by using Java, shell for the telecom application software Converge Telephone Server(CTS) in Linux, Unix and Solaris.  
Led automation team and implemented automation tests based on platform Spectra2 and Autoscape for CTS.  
Communicated effectively with developers and function testers to completed regression testing under the tight schedule environment.  
Creatively improved the automation testing efficiency by enhancing test platform Autoscape to meet increasing test requirements. Average speed of writing automation test scripts is raised by 25% and number of test cases is raised by 60%.
- **Software Engineer Intern, Nokia** 6/2009 – 12/2009  
Automation testing for the product CTS.
- **Intern, China Mobile** 8/2007 – 9/2009  
Implemented surveys and analyzed on states of Node B located in countryside.

## PROJECT EXPERIENCE

- **Web App “Twitter”** Aug 2017 – Now  
Design a web App “Twitter”, implement functions: log in, sign up, update news and twitters real-time and so on by using Typescript, HTML5, CSS, Go based on Angular.
- **Bitcoins mining simulation** Aug 2017 – Now  
Program a bitcoin mining simulator by using Elixir to produce outputs that meet specific requirements. Implement SHA-256 hash and actor model to run this simulator well on multi-core machine.
- **Huffman coding and decoding.** Jan 2017 - May 2017  
Implemented different data structures to generate Huffman tree and code table. Programmed the encoder to reduce the big input file’s size and the decoder to resume the input data file by using Java.
- **Android APP “No more Missing” with Beacons (Team Project):** Jan 2017 - May 2017  
Designed an Android APP to detect missed children or pets with beacons fast by using java. This App reports geographic location of missed children or pets to MQTT banker to notify all subscribed App users by using Node.js.

## PUBLICATIONS

“Using D-Trace to Trace and Analyse Problems with User Application MPlayer on Solaris Systems”, Xiaomeng Xie, Computer Application & Research, China. Oct 2009