

# JESSICA CLAIRE

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📍 Montgomery Street, San  
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## SKILLS

- Expertise in Linux OS
- Proficient in JAVA, C, C++
- Experience with MATLAB, PYTHON, JS, ASP, HTML, VERILOG, Assembly, VHDL

## OBJECTIVE

To obtain the software engineer intern position at summer 2014

## EDUCATION

UCSD M.S. ECE GPA 3.8 Expected Graduation Dec 2014  
ECE187 Intro/Biomed Imaging & Sensing ECE111 Advanced Digital Design Proj  
CSE120 Operating System (In Progress) CSE101 Algorithm Design and Analysis (In Progress)

BUPT B.S. CE GPA 3.7 Sep 2009 - Jun 2013  
Data Structure Linux Operating System  
Techniques of Microprocessor and Interface Principles of Communications

## EXPERIENCE

Institute Of Automation, Chinese Academy Of Science - Machine Learning ( MATLAB, PYTHON )  
STATE • 02/2014 - 06/2014

Designed and Developed a program to assign video tags at the shot level

University Of Surrey - Image Processing ( MATLAB )

STATE • 05/2013 - 08/2013

Designed and developed a digital image watermarking program

Sina Corporation HQ - Web Programming and Testing ( HTML, CSS, JS, PYTHON )

STATE • 10/2012 - 01/2013

Wrote scripts to test the newly implemented function, analyzed the bugs.

State Key Lab Of BUPT - Android Application Development ( JAVA Programming )

STATE • 10/2011 - 07/2012

Created and implemented an Android application, with which people can control certain electronic devices.

Innovation Base Of BUPT - Embedded Software Development ( C Programming )

STATE • 01/2012 - 04/2012

Designed and Developed core functions, wrote drivers for certain chips

## PROJECT

CSE120 Operating System ( C Programming )

Implemented the "Context Switching", "Scheduling" functions ( To be continued )

ECE111 Advanced Digital Design Proj ( VERILOG )

Implemented the Fibonacci sequence, WEP encryption algorithm and SHA-1 with low cost

1100440 Advanced Labs in Network Applications ( Web Programming )

Designed and developed webpages, wrote scripts

1100540 Comprehensive Labs in Embedded System ( C Programming )

Created and implemented a intelligent fire truck, which can detect fire and put down it automatically

1100530 Practicum in C++ Programming

Designed and developed a MFC program, a software that manages students information