

JESSICA CLAIRE

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OBJECTIVE

To obtain the software engineer intern position at summer 2014

SKILLS

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

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