

PROFILE

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EDUCATION

Syracuse University (2013-2015)
Master of Science in Mechanical and Aerospace Engineering

Beijing Institute of Technology (2009-2013)
Bachelor of Science in Engineering Mechanics

EXPERIENCE

1. Cytoskeleton Modeling and Analysis

I got hundreds of immunofluorescent images of different shapes and areas of cells using confocal laser scanning microscope. Then I programmed to analyze the distinct and reliable geometric parameters of cell nucleus and cytoskeletons. As a result, area, perimeter, circularity, angle of cell nucleus, actin area ratio, actin number, actin distribution of cytoskeleton are determined.

2. VPN and Shadowsocks Service Provider

Two VPN servers, located in Los Angeles and New York, are being provided by me to protect online privacy of users. I shared 20 public keys for free to keep users from Internet censorship (A single public key can be used by multi-users at the same time). Averagely about 200 GB data are being protected by my servers. My service supports Windows, Apple Mac, Linux, iOS and Android platforms.

3. Android Development

I made several system control enhancement and productivity enhancement apps. I am familiar with UI design, Intent, SQLite, multimedia, graphics and animation, et cetera.

4. Arduino and Raspberry Pi Development

Arduino robot and Raspberry Pi based smart TV. I am good at hardware development and familiar with GPIO (general purpose input output). Python and Processing languages were often used.

5. MATLAB

As an engineering student, I almost work with MATLAB every day, experiment data processing, mathematical calculation. I also have experience with GUI and Simulink toolbox.

AWARD

RvD IDEA Awards: My project, SMART SEX STIMULATION DEVICE, was very competitive, I gave a presentation in final round and was interviewed by four potential investors. I was offered an opportunity to win up to \$10,000.