CHE-WEI LIN

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About

Graduate student majoring in Communications Engineering at National Tsing Hua University. My current research interests include the SDN/OpenFlow and Network Function Virtualization I am also interested in open source projects especially using Node.js and Python.

Profile

Github on github.com/John-Lin

Work

Smart Network System Institute
Intern   **January 2014 - June 2014**

Worked in the software defined networking (SDN) development group.

Developed integration for intrusion detection system (IDS) and SDN controller.

Prototyped SDN applications provide source NAT network function.

Volunteer

2015 COSCUP
Speaker   **August 16 2015**

Open Networking Workshop. Speaking topic: SDN and Open Networking

2014 PyCon APAC
Public relations (PR) team   **January 2014 — May 2014**

Spent 4 months to promote PyCon APAC with python community

Education

National Tsing Hua University
Master, Communication Engineering   **September 2014 - June 2016**

Yuan-Ze University
Bachelor, Communication Engineering   **September 2010 - June 2014**

Awards

Best Briefing Award
by Hackathon Taiwan 13th   **Awarded 2015-11-15**

Facechats. Let you chat with the world using Facebook anonymously.

Skills

Agile Development

Continuous Integration and Continuous Delivery

Familiar with Travis CI and CodeShip linked to Heroku for CD

BDD-style testing

Docker

Shipyard, docker management build for network function virtualization platform. Providing Virtual CPE cloud services

Web Development

Front-end development with HTML, CSS, Javascript, jQuery

Back-end development with ExpressJS, NoSQL

AWS

SQS, Cloud message queuing service connect to IronWorker to queue/schedule tasks

DynamoDB, NoSQL database service work with vogels data modeling

EC2, Compute Cloud

Version Control

Git

Github. Heavily follow the GitHub Flow

Python

Ryu, SDN Framework

Node.js

Express, Web/API server design

Electron, Build cross platform desktop apps with web technologies

Mocha, Favorite testing framework