

Chieh Feng (Jeff) Lee

EXPERTISES

Software / Web Development	Cloud Services	DevOps Tools
Node.js, React.js	Amazon Web Services, Heroku	Docker, Docker Swarm

EXPERIENCES

Silver Peak Systems

2018/02 - Present Cloud Application Engineer

Silver Peak offers a high-performance SD-WAN solution for enterprises and service providers.

- Redesigned the cloud architecture using Docker Swarm and Amazon Web Services, and at the same time, supports on premise deployment for the same architecture for large enterprises
- Created a simple management interface to reduce effort for deploying new cloud applications for large enterprises and service providers
- Worked on the Blueprint feature for the Orchestrator, which allows large enterprise users to export settings and deploy new Orchestrators with pre-configured settings easily
- Worked on separating log data from the configuration data, using time-series database, to improve performance for customers with huge amount of appliances and data

Health IQ

2016/05 - 2018/02 Software Engineer

Health IQ celebrate the health conscious through social and financial rewards.

- Worked with marketing team on different landing pages to drive more leads in the first 6 months
- Started working more on internal tools integrated with Salesforce, such as custom SMS chat tool, Universal app for client applications, using React and Salesforce APEX
- Wrote several scripts in Node.js to help automate mapping for large amount of client information to third party form generator. Project involves a lot of load balancing and smart string matching

DataWallet

2014/12 - 2015/12 Co-Founder and Lead Engineer

DataWallet is allows users to take control of their own online data and sell them to enterprises.

- Received funding from Tim Draper, founder of DFJ, and Marc Benioff, CEO of Salesforce
- One of the 14 startups in Alchemist Accelerator class 10, attended several events during the 6-month program, and got connected to many VCs after the demo day
- Designed data sourcing modules to get user data from different sources, user and enterprise platforms with APIs and OAuth authentication for developers to analyze the data
- Managed the projects and a team of developers from oDesk (Upwork) and data scientists

CERTIFICATIONS

- Cisco Certified Network Associate (CCNA, 2010-2013)
- CIW Certified Web Development I Web Design I Web Security Professional
- CompTIA A+ I Linux+ I Network+ I Security+
- Microsoft Certified IT Professional (MCITP) in SQL Server 2008 Administration
- Oracle Certified Professional, Java Standard Edition 6 Programmer (SCJP, OCP)
- Zend Certified Engineer (ZCE) – PHP 5.3

EDUCATION

Master of Engineering in Computer Engineering (Cloud Computing)

2012 – 2013 University of Toronto

- [Parallel Programming Project] – MapReduce using PHP
 - Built a lightweight MapReduce framework using PHP 5.3 with pthread
 - For more details, please refer to the paper <http://leejefon.com/download/docs/mr1747>
- [Big Data Project] – Encar, Big Data Benchmark
 - Designed a benchmark for big data, used data from Environment Canada, ran on Amazon EC2
 - For more details, please refer to the paper <http://leejefon.com/download/docs/encar>
- [Introduction to Cloud Computing Project] – Airplane Ticket Search
 - Built a simple web app to search flights, used data from OpenFlights and FlightStats
 - Data stored in MySQL, and hosted on Amazon Web Services EC2 with load balancing

Bachelor of Applied Science and Engineering in Computer Engineering (Software and Network)

2007 – 2012 University of Toronto CGPA: 3.28 / 4

- PEY Co-op program at Environment Canada as a Software Developer (2010 – 2011)
 - Implemented data checksum module for the Data Management System core in Java
 - Designed REST query API for large weather data set and a web based data viewer
 - Developed a web based management interface to manage weather metadata in XML format
- [2nd Year Communication Project] – Storage Server
 - Implemented a multi-threaded server using socket programming with aspect-oriented C
 - Designed custom data storing format with data parsing and validating modules
 - Utilized Subversion (SVN) to write code as a group and document the code using Doxygen
- [4th Year Design Project] – Translator for ASL using Microsoft Kinect
 - Developed using Microsoft Kinect API in C# with Visual Studio to get the hand movements
 - Analyze hand gestures and shapes, calculate finger coordinates, and translate to English
 - Calculate finger coordinates with EmguCV, an OpenCV wrapper for C# language
- Ranked 4th in Computer Engineering in 2nd year
- Ranked 1st in Materials Science and Engineering in 1st year (and transferred to Computer)

COMPETITION / AWARDS

2016/02	hack.summit() Virtual Hackathon	Top 100 out of total 1261 Teams
2014/11	TopCoder Hackathon	Top 10
2014/10	Salesforce \$1 Million Hackathon	5th place out of total 430+ Teams
2014/09	TechCrunch Hackathon	Versal API Award Winner

INTEREST

- Volunteer in different communities with organizations such as Tzu Chi and Red Cross
- Go to hackathons or tech conferences to see what's new and maybe win some prizes
- Follow science/technology news, learn new web design tricks, try new software systems, etc.
- Play table tennis and tennis, hiking, road trips

 <https://github.com/leejefon>
 <https://www.linkedin.com/in/leejefon>
 <https://jefflee.net>