**Lucas Huang**

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**Professional Experience**

**Hoogle, Software Engineer, Data Platform**  May 2015 – current

1. Use Python, RabbitMQ, MySQL and Vertica to build data pipeline and machine learning platform for both gaming data analysis and marketing strategy.
   1. Feature engineering and machine learning model development for gaming data forecasting.
2. Full-stack web development via using Django and React/Redux
   1. Lead development of two full-stack web application projects. Scale up a local tool to a scalable and distributed multi-processes web service. 40 times performance improvement

**AA Computer, Software Engineer, Software Development** Oct. 2013 – April 2015

1. Full-stack web development on Synology NAS via using Javascript and C/C++.

**Education**

**National ABC University**, Taiwan, Master of Science Aug. 2011 – Aug. 2013

Major: Computer Science and Engineering, GPA: 3.6/4.0

Thesis: Use machine learning and AI to do image correction

**National ABC University**, Taiwan, Bachelor of Science Aug. 2007 – July 2011

Major: Computer Science and Engineering, GPA: 3.5/4.0

Honorable Award in 2009 ACM ICPC Asia Hsinchu site and 2009 ACM ICPC Asia Phuket site

**Experiences and Skills**

**Software Engineering**

* Programming in **Python/Javascript/C/C++/Java**
* Frameworks/Library: **Pandas, Numpy, Scipy, Scikit-learn, Keras, Django, React/Redux, Scrapy**
* Cloud services: **AWS**
* Big data stack: **Hadoop, Hive, Spark**
* Strong background in machine learning and solid understanding of HTTP protocol and Unix system programming.

**Language**

Mandarin Chinese: native speaker

English – Professional working proficiency