

# LINENG CAO

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## EDUCATION

**Wenzhou-Kean University, Wenzhou, China**

*Major: B.S. in Computer Science*

*Minor: Mathematics*

**Degree Expected: July 2017**

*Cumulative GPA: 3.46*

## PUBLICATIONS

### Published Paper

Tiffany Y. Tang (yatang@kean.edu, Kean University), Maldini Yifan He, Vince Lineng Cao, “*One Doesn’t Fit All*”: *A Comparative Study of Various Finger Gesture Interaction Methods, Design, User Experience, and Usability: Technological Contexts*, vol.9748, pp.88-97. June 2016

### Presentation

“*One Doesn’t Fit All*”: *A Comparative Study of Various Finger Gesture Interaction Methods*, HCI 2016 International Conference - Oral Presentation, Toronto, July 2016 ([Review the slides](#))

## INTERN EXPERIENCE

**Oracle (China) Software Systems Co., LTD. Beijing, China** Aug. 2016

- Learnt data-model of Oracle's Advanced Analytical Applications Infrastructure and Zipper algorithm
- Independently upgraded signup/login page and view page in the Liquidity Management Reporting System (LMRS) of Oracle Business Intelligence (BI) for client side

## SELECTED PROJECTS

### ASD Teaching - Fall 2016

- A customized iOS application build by swift 3 for autism children in China.

### Four algorithms of Machine Learning - Summer 2016

- Used Java language to code four types of algorithms in Machine Learning: Decision Tree, KNN, Bayes Classifiers and Neural Network

### AES-Encryption & Decryption - Summer 2016

- A pair of simple Java programs to achieve both encryption and decryption with import/export features

### SuperChat - Spring 2016

- One simple chatting web application based on Nodejs and socket.io, also supported by Google Translation API

### Vball & Little Jump Game - Fall 2015

- A little desktop C# ball game (ping pong) with several specific features, containing both single and multi modes for single and multiply players. And one C# game that allow player to escape and kill the monster controlled by arrow keys

### Soul Maker 3D Printer - Spring 2015

- Build a 3D printer based on customized config files of delta 3D printer

### One toolkit: Chu-2 Plus - Fall 2014

- Coded in Java to produce an integrated toolkit with several basic tools: Calculator, Clock, MoFish Time Counter, Exchange Currency, mini Notepad and mini Gallery

## LEADERSHIP ACTIVITIES

### Co-founder & Editor of KuluColo Project Feb. 2014 - Present

- Created the KuluColo project of posting blogs about Anime sharing and recommending
- Designed the logo, wrote and edited blog articles, established and maintained the website

### Co-founder & CTO of Running Store in WKU Jan. 2015 - Sep. 2015

- Established the online customer services based on WeChat Official Account Admin Platform
- Designed all the logos, posters, videos, sales information, web pages and resources

### Entertainment Channel Director & Video Post Minister of KIWI Campus Media Mar. 2014 - Sep. 2015

- Presented and hosted several workshops of video editing tutorials for the Media organization members
- Conducted and supervised weekly organizational activities in a university
- Participated in organized video making competitions in the organization
- Allocated video making missions to all members in video post department

- Worked in the KIWI studio of video payment services since 2015

## **SKILLS**

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Programming Languages:

- Java, C#, javascript, swift, HTML, CSS, C, R, SQL...

Selected Softwares:

- Visual Studio, Eclipse, Xcode, R studio, Netbeans, Android Studio, Photoshop, Illustrator, Lightroom, Final Cut, Vegas, Premiere, AfterEffects, Aegisub...