FENG YUN

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EDUCATION

Harbin Institute of Technology, China   *September 2016 - Present*

- Bachelor of Engineering(Expected 2020) in Computer Science and Technology   GPA: 83/100
- Courses: Advanced C Language and Programming(97/100),Python Programming(98/100),Java Network Programming(91/100),Computer Networks(90/100),Computer System(87/100) etc.

PROJECTS

Edge Translate - A Browser Extension   *July 2018 - Present*

- Designed and developed a browser extension called "Edge Translate" to help users to have better experience on foreign language website reading.
- Edge Translate integrates the Google Translate API within the webpage and one simple template render engine is used to dynamically update the page according to translation contents.
- Published on the Chrome / Firefox / QQ browser web stores and gained over 20,000 weekly active users and received a score of 4.7/5.0.
- https://chrome.google.com/webstore/detail/edgetranslate/bocbaocobfecmglnmeaeppambideimao

Qingxue Website for an Education Company   *December 2017 - April 2018*

- Designed and built an education website to provide services including publishing, managing, reserving and purchasing courses.
- Front-end pages are implemented with VUE framework and NPM.
- Developed a database which included over 30 tables obeying 3NF.
- Deployed the system on Ali Cloud using uWSGI as the application server and Nginx server as a reverse proxy, static resource loading and load balancer.

An AI Meme Creation Tool Kit   *January 2019 - June 2019*

- Designed and developed a Wechat meme creation tool kit with AI image processing technology to help users to produce memes conveniently instead of using Photoshop.
- Applied AI technology for text detection(Connectionist Text Proposal Network), image completion(Statistics of Patch Offsets), character recognition(CRNN) and image retrieval(VGG16).
- Participated in Wechat Mini Program Application Development Competition and achieved the National Third Prize.

TV Viewing Ratings Analysis   *November 2018 - January 2019*

- Employed Spark to analyze a 10 GB dataset of TV viewing ratings for a local TV station to predict the viewing ratings for the new TV shows.
- Cleaned the data with Spark SQL and made a series of statistical tests.
- Applied random forest algorithm to predict viewing ratings and applied a user-based collaborative filtering algorithm to recommend TV shows for TV viewers.

INTERNSHIP

Luliang Cloud Computing Operation Company *July 2019 - August 2019*
Technical engineer assistant

- Participated in the strategy design and execution phase of several domestic surveying and mapping projects.
- Proposed some optimization ideas to improve the system performance.

AWARDS AND SCHOLARSHIPS

- 2019 Chinese University Computer Competition – WeChat Mini Program Application Development Competition, National Third Prize *July 2019*
- National College Students Mathematical Modeling Competition, Provincial First Prize *December 2018*
- Northeastern Three Provinces Mathematical Modeling League, First Prize *June 2018*
- Lan Qiao Cup Java Software Development Contest, Provincial Second Prize *March 2019*
- Lan Qiao Cup C++ Software Development Contest, Provincial Third Prize *April 2018*

SKILLS

- **Software programming:** Java, Javascript, C, Python, C#, Matlab.
- **Hardware programming:** Verilog, VHDL.
- **Big data computing framework:** Hadoop, Spark, Pregel.
- **Others:** Web front-end design and development (NPM, VUE), back-end development (Spring boot, Django) and server deployment, proficient in Linux operation system and mathematical modeling.