Alex Chu

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SUMMARY_____

- Current Masters of Computer Science graduate offering a strong foundation in software engineering and programming principles across multiple languages.
- Experienced in application development, coding and web application design, with foundation in artificial intelligence
- Have the abillity to quickly learn and master new technologies; experienced in working in both team and self-work environment.

EDUCATION_____

UNIVERSITY OF CALIFORNIA, IRVINE. Irvine, CA

Master of Computer Science, Expected Graduation December 2019

- Operating System, Artificial Intelligence, Internet of Things

UNIVERSITY OF TEXAS AT DALLAS. Richardson, TX

Postbaccalaureate, Aug 2017 - May 2018, GPA: 4.0/4.0

- C++, JAVA, Discrete Mathematics, Data Structure and Algorithmic Analysis, Probability and Statistics, Computer Architecture, Unix

UNIVERSITY OF TEXAS HEALTH SAN ANTONIO, San Antonio, TX

Doctor of Philosophy Research in Cancer Biology, Aug 2015 - Dec 2016, GPA: 3.9/4.0

UNIVERSITY OF TEXAS AT DALLAS. Richardson, TX

Bachelor of Science in Biochemistry, Aug 2008 - May 2013, GPA: 3.5/4.0

SKILLS_____

- Programming Languages: Java, C++, Python, HTML, CSS
- Tools and Frameworks: Atom, Sublime, Git, Django
- Databases/Build/Deploy: Heroku
- Operating System: MS Windows, UNIX

PROJECTS_____

Nightcrawler   June 2018 – July 2018

Webapp Development: News Website Crawler   http://rodeur.herokuapp.com

- Automatically crawls and collects news from international news websites daily.
- Provides user interfaces for displaying analysis on the news articles
  - ☐ The users can check the international state of affairs from the sentiment scores
  - ☐ Also able to type and search a keyword in the database for news analysis.
- Implemented with Python Language and Django framework
- Utilizes different languages, including HTML, JavaScript, CSS, Python; utilizes different libraries, including BeautifulSoup, NLTK, HighCharts

wDecoder   Oct 2018

Webapp Development: Statistical Machine Translator

- Provides German->English translation, as well as flash cards from database for better language learning experience.
- Implemented with Python Language and Django framework
- Trained with high volumes of German and English pair, and further supported with web dictionary.