CHUNG-SHIEN (PAUL) LUH

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Summary

Proficient in standard programming language. Acquired web programming and data analytic knowledge from undergraduate research experience. Trained in a wide-aspect of mathematical courses to foster analytical thinking. Grew leadership and collaboration abilities through different group projects and mandatory military experience. Pursuing academic interests in data science and applied mathematics.

Education

University of Illinois at Urbana-Champaign Expected graduation: May, 2018
B.S. in **Computer Science**, College of Engineering
Minor in Mathematics
Cumulative GPA: **3.95/4.0**
Taipei Private Dongshan High School 2014
Graduated in Gold Medal Honor

Experience

Department of Computer Science, University of Illinois at Urbana-Champaign 2016-Present
—Undergraduate Research Assistant *Urbana, IL*

- Working with Prof. Aditya Parameswaran regarding the *Zenvisage NLP*, a system for effortless visual exploration for large dataset using natural language.
- Studied different tools and algorithm to parse plain English sentence into structured query language using techniques from Natural Language Processing, Machine Learning, and Information Retrieval.
- Conducted initial user studies on Amazon MTurk with Play framework and developed interface for language parsing experiment with Django.

RELATE Summer 2017
—Django developer *Urbana, IL*

- Working with Prof. Andreas Klöckner in *RELATE*, a django web-based courseware for courses such as Numerical method.

Hasse Space School - (**1st prize achievement**) July 2012-August 2012
—Assistant Team Leader *Houston, TX*

- Assisted leader to manage a team of five members to accomplish different engineering challenges.
- Ensured every team member was on the appropriate track of their own task.

Projects `https://github.com/paul841029`

BestChoice Present

- Developing a online voting platform for a group of friends to decide where to eat together.
- Enhancing skills in web development using **MEAN**.
- Future advanced feature includes automatic candidate restaurant recommendation using location and user preference.

EasyTravel `http://easytravel.web.engr.illinois.edu/` 2016

- Developed a web application aiming to help travelers to schedule hotels based on personal preference.
- Implemented basic recommender system with technique in machine learning and statistic.
- Enhanced skills in databases management, web parsing using Python, web programming (**HTML, CSS, JavaScript**), and Google Map API.

Technical Strength

Programming Language: Python, Javascript, Java, C++, C, HTML, SQL
Tools: Git, SVN, Solr, NLTK
Web Technology: Play, Express, Django, Angular
Related Coursework: Data Structures, Database System, Data Mining, Algorithms & Model of Computation, Programming Language, Numerical Methods, System Programming, Fundamental Mathematics, Elementary Theory of Number, Software Engineering I, Statistics and Probability I, Statistics and Probability II

Honors

James Scholar	2017, 2016, 2015
Dean's List	2017, 2015, 2014
3rd prize in final project of Introduction to Innovation.	2014
1st prize in HASSE Space School Competition	2012