Yihong Chen

2013

Education

C Implement all Havard OS/161 assignments,

able to modify Linux Kernel

Git, in daily usage

Lisp Wrote Elisp codes for my Emacs config

Groovy, in custom gradle plugin

PHP, customize Wordpress

Matlab, Machine Learning projects Lua, wrote plugins for Goolge Pinyin

LATEX, write papers/documentations



Python Familiar with matplotlib & Plotly, use python

tmux, sed, grep, awk, etc. in daily usage

Use regular expression fluently in various of

to process log and plot figures

Vim and Emacs in daily usage

Keep a glimpse of Sublime and Atom

my github Shell repository

languages

Shell

Regular

Editors

Expression

2009-2011 C. G	
Software Engineering, Beijing Institute of Technology, Master, GPA: 3.29.	
Electrical Engineering and Automation, Bachelor, GPA: 3.00.	, North China Institute of Science and Technology,
Project & Research Experience	
Structuring Uncertainty Using the mayb - Introduce maybe syntax to enable uncertainty pr	
 Implement all componments: Custom Java Composed on Meteor, Maybe Android Library, Real-t 	piler, Gradle Plugin, Android Studio IDE Plugin, Backend time Machine Learning
Flexible and Effective Smartphone Energy Management: Jouler, Contributor. – Introduce a policy framework enabling effective and flexible smartphone energy management	
- Add a system service in Android platform that p	provides several energy control mechanisms
Develop Android app to provide different energy manage policies	
Project of Introduction to Operating Systems, Implement large part of a POSIX-compliant	
	Calla and Vintual Marsary Management
0011	
Studying the Topic of Extracting Attributes and Their values of Domain Objects,	
- Use NLP and semi-supervised Machine Learning	g to extract attribute or attribute value from encyclopedia
Theory and Method to Ontology Learning Field about Chinese Text, Cooperate with team	
and maintain old projects, Funded by National Natural Science Foundation of China.	
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 Design and implement a web platform to demonstrate all subprojects (written in different languages) 	
Programming Skills	
- Modify AOSP code: jouler, maybe	Java – Wrote more than 20,000 lines of Java code,
•	includes server side, Hadoop, Android
· ·	m platform/client
	 Customized Java compiler
for research purpose	 Well understand Garbage Collection in Java & Dalvik
	Backend – Well understand RESTful API Design
	- Familiar with Linux servers: nginx, Apache
	 Knowledge of Different Databases:
Atom Packages	MongoDB, MySQL
	Bachelor, GPA: 3.00. Project & Research Experience Structuring Uncertainty Using the mayb Introduce maybe syntax to enable uncertainty pure implement all componments: Custom Java Combased on Meteor, Maybe Android Library, Real-Flexible and Effective Smartphone Energy Introduce a policy framework enabling effective and Add a system service in Android platform that pure Develop Android app to provide different energy Project of Introduction to Operating Systemel. Implement Synchronization Primitives, System Constitution Systemel. Implement Synchronization Primitives, System Constitution Systems of Extracting Attraction Research Proposal for Master degree. Use NLP and semi-supervised Machine Learning websites Theory and Method to Ontology Learning and maintain old projects, Funded by National—Tag and standardize time expressions from Chin—Design and implement a web platform to demonstrate the project plugin for Android Studio—Develop Android Apps in PhoneLab project for research purpose Familiar with Node.js & Meteor implement Maybe Backend Meteor package: xcv58:collection-api Wrote Bunch of Chrome Extensions and

Computer Science, University at Buffalo, PhD, GPA: 3.69.