# Starting from Programming

# 从编程开始

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Senior Software Engineer &
Director of Design @ UICHCC Computer Society

Welcome to:

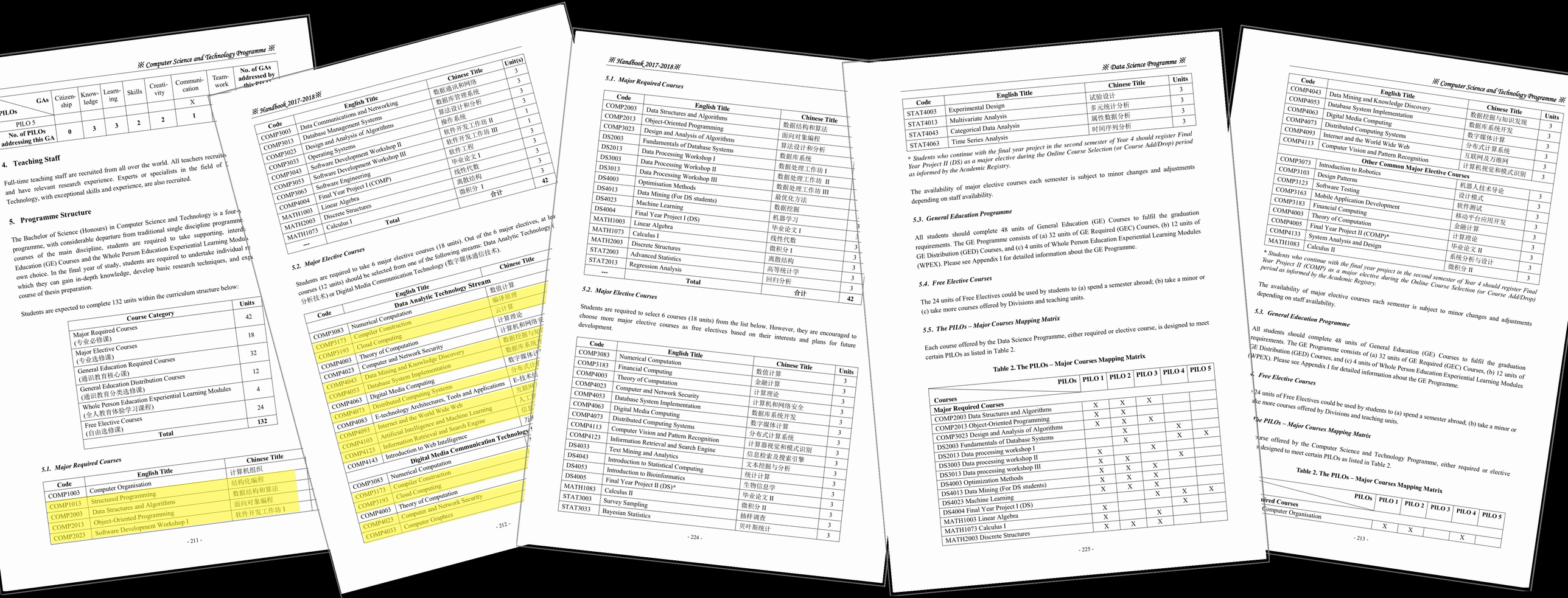
# CDS

Computer and Data Science

# CDS

Computer and Data Science

计算机科学与技术　　数据科学与大数据技术



# Undergraduate Handbook for 2018 CST/DS students

| | Units |
|---|---|
| Major Elective Courses<br>(专业选修课) | 42 |
| General Education Required Courses<br>(通识教育核心课) | 18 |
| General Education Distribution Courses<br>(通识教育分类选修课) | 32 |
| Whole Person Education Experiential Learning Modules<br>(全人教育体验学习课程) | 12 |
| Free Elective Courses<br>(自由选修课) | 4 |
| **Total** | 24 |
| | **132** |

***5.1. Major Required Courses***

| Code | English Title | Chinese Title | Unit(s) |
|---|---|---|---|
| OMP1003 | Computer Organisation | 计算机组织 | 3 |
| OMP1013 | Structured Programming | 结构化编程 | 3 |
| MP2003 | Data Structures and Algorithms | 数据结构和算法 | 3 |
| MP2013 | Object-Oriented Programming | 面向对象编程 | 3 |
| P2023 | Software Development Workshop I | 软件开发工作坊 I | 1 |



# 编程
## Programming

# 编程
Programming

1

2

3

编程
Programming

1

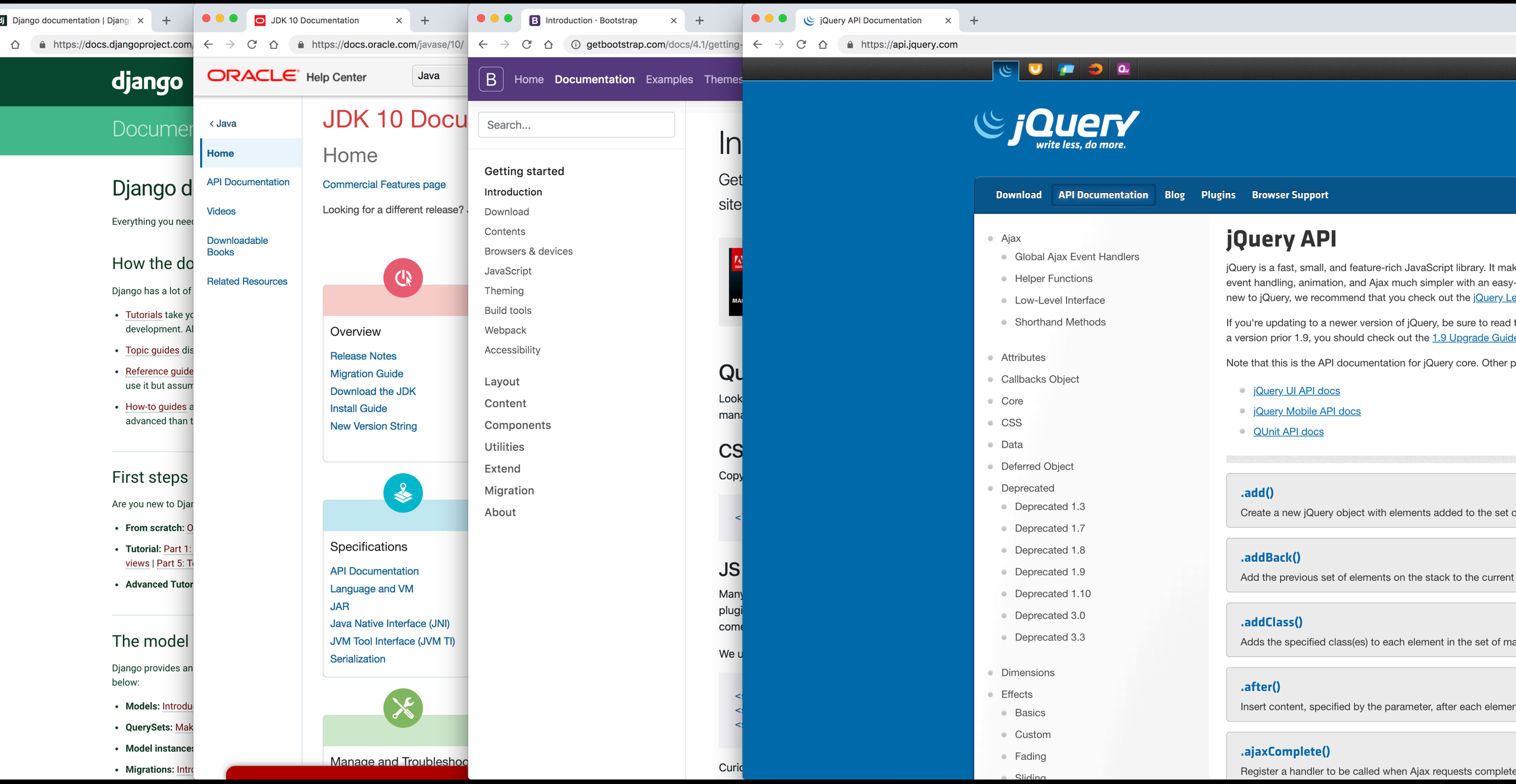
# Stay Curious & Improve your English

“I am neither clever nor especially gifted.
I am only very, very curious”

*–Albert Einstein*

“I still strongly recommend you to improve your English in the summer vacation”

*–Prof. Weifeng Su*


Django documentation | Djang
https://docs.djangoproject.com/
django
Documer
Django d
How the do
First steps
The model
JDK 10 Documentation
https://docs.oracle.com/javase/10/
ORACLE Help Center
Java
‹ Java
Home
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Videos
Downloadable Books
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Looking for a different release?
Overview
Release Notes
Migration Guide
Download the JDK
Install Guide
New Version String
Specifications
API Documentation
Language and VM
JAR
Java Native Interface (JNI)
JVM Tool Interface (JVM TI)
Serialization
Introduction · Bootstrap
getbootstrap.com/docs/4.1/getting-
B
Home
Documentation
Examples
Themes
Search...
Getting started
Introduction
Download
Contents
Browsers & devices
JavaScript
Theming
Build tools
Webpack
Accessibility
Layout
Content
Components
Utilities
Extend
Migration
About
jQuery API Documentation
https://api.jquery.com
jQuery
write less, do more.
Download
API Documentation
Blog
Plugins
Browser Support
Ajax
Global Ajax Event Handlers
Helper Functions
Low-Level Interface
Shorthand Methods
Attributes
Callbacks Object
Core
CSS
Data
Deferred Object
Deprecated
Deprecated 1.3
Deprecated 1.7
Deprecated 1.8
Deprecated 1.9
Deprecated 1.10
Deprecated 3.0
Deprecated 3.3
Dimensions
Effects
Basics
Custom
Fading
jQuery API
jQuery is a fast, small, and feature-rich JavaScript library. It mak
event handling, animation, and Ajax much simpler with an easy-
new to jQuery, we recommend that you check out the jQuery Le
If you're updating to a newer version of jQuery, be sure to read t
a version prior 1.9, you should check out the 1.9 Upgrade Guide
Note that this is the API documentation for jQuery core. Other p
jQuery UI API docs
jQuery Mobile API docs
QUnit API docs
.add()
Create a new jQuery object with elements added to the set o
.addBack()
Add the previous set of elements on the stack to the current
.addClass()
Adds the specified class(es) to each element in the set of ma
.after()
Insert content, specified by the parameter, after each elemen
.ajaxComplete()
Register a handler to be called when Ajax requests complete

# Curious

# Technology Portals


Medium










FAST COMPANY

THE VERGE

POPULAR SCIENCE

SCIENTIFIC AMERICAN


MIT Technology Review


Slashdot

My Personal Favorite


**Techmeme**

Slashdot

**Slashdot**

**中文站: Solidot 科技行者**

Code Portals / Forum


CSDN

GitHub

segmentfault

# CDS
## weekly research talks

**Efficient Information Spreading**
—Dr. Li Zhiyuan

**The Limits of Computers**
—Dr. GUO Haipeng

**Ethical Issues in IT industry**
—Dr. Sunny Jeong

**A Short Introduction to Racket and Abstract Interpretation**
—Dr. Philippe Meunier

**Knowledge Base: Semantic Big Data**
—Dr. Meng Rui

**Git**
—Zhong Junru

**Application of data science in autonomous driving**
—Dr. Xuanyuan Zhe

**大数据时代的知识图谱**
—Dr. Jing Zhao

**When Computer Graphics meet with Computer Vision...**
—Dr. Amy Zhang

**Introduction of Bitcoin and Bitcoin Mining**
—Liu Kedun

**Smart City**
—Prof. SU Weifeng

**Software Testing: An Unsung Hero**
—Dr. Xin FENG

编程
Programming

1

2

3

Stay Curious
& Improve your
English

编程
Programming


# Code More


CDS Learning Path (Unofficial)

“In theory, theory and practice are the same. In practice, they’re not.”

*–Yogi Berra*

# Code More

Assignment, Lab……

Start your side projects

# Junde Yhi

lmy441900

In pursuit of absolute simplicity.

- Year 3 - Computer Science
- UICHCC Idol
- UCAS Member

Anthon Open Source Community Operating System
(MIPS Port)

Project Xantonif


MAAS-Openstack-UICdsVersion

uicUmbrella

UICds Website

# Changyuan Liang

Alienware18

- Year 2 - Data Science
- UICHCC Member (also an idol)
- UCAS Member

UICcst Website

UICcst Download

UICcds Wiki

# Renjie Deng

DRJ31

- Year 3 - Computer Science
- UICHCC Member
- UCAS Member

# Lawrence Luo

RainySummerLuo

Student of Beijing Normal University - Hong Kong Baptist University United International College Member of **@UIC-PANICS** and **@UICHCC.**

- Year 3 - Computer Science
- UICHCC Member
- UCAS Member

MikuWeather_Windows

PunkyGirl

ExifGPSReader

KannaBattery

Search or jump to… /

Pull Request Issues Marketplace Explore

# Zhenghao Wu

ecwu

- Year 3 - Computer Science
- UICHCC Idol
- UCAS Member

UICHCC Website

How Many Of You In UIC

uicCourse

编程
Programming

1

Stay Curious
& Improve your
English

2

Code More

3

# 编程
Programming


## Interact &
## Get involve

Make friends with people you consider better and more experienced

Code Portals


CSDN

GitHub

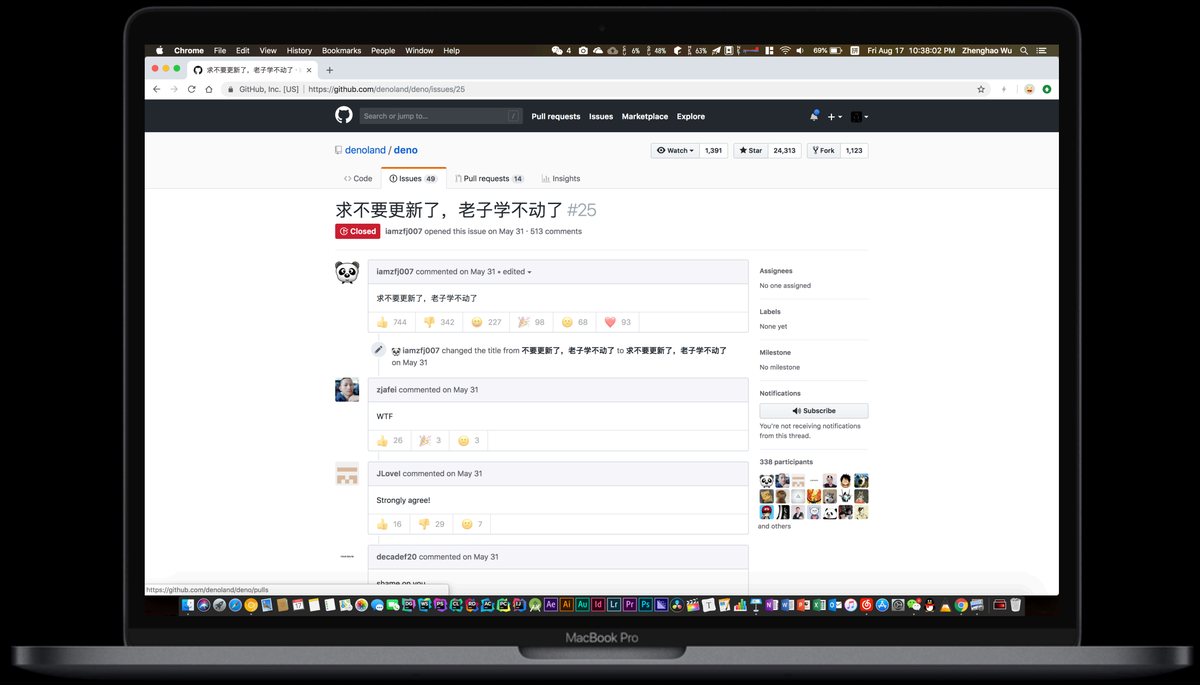
segmentfault

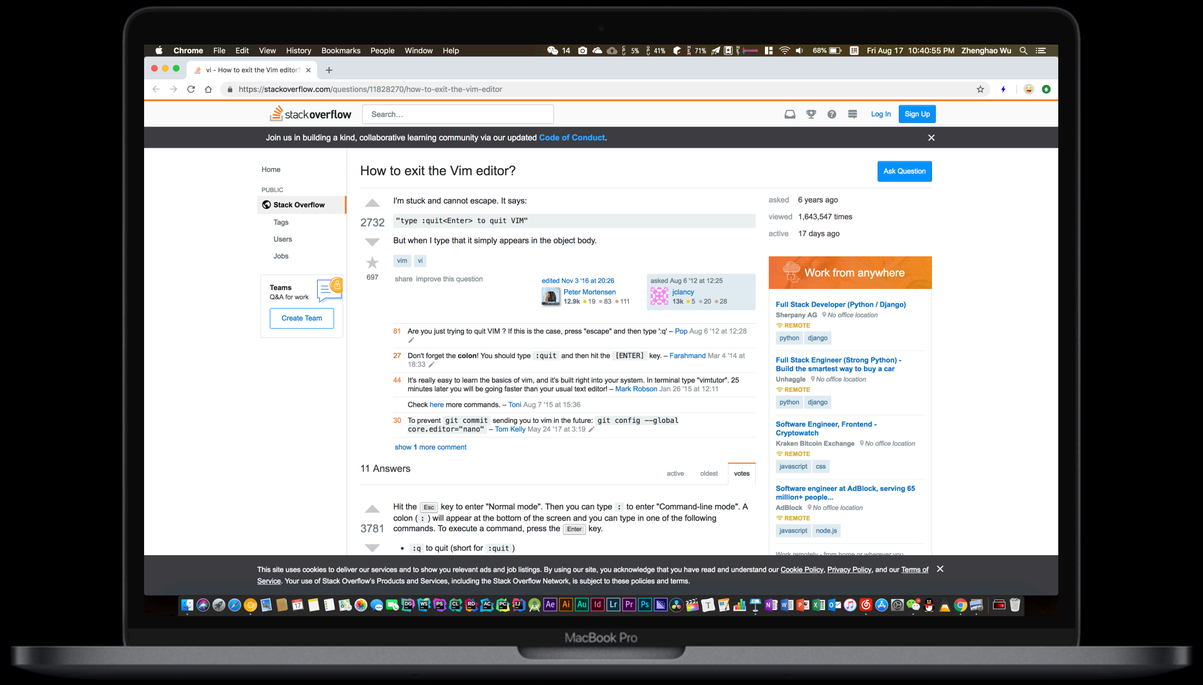
Code Portals


CSDN

GitHub

segmentfault



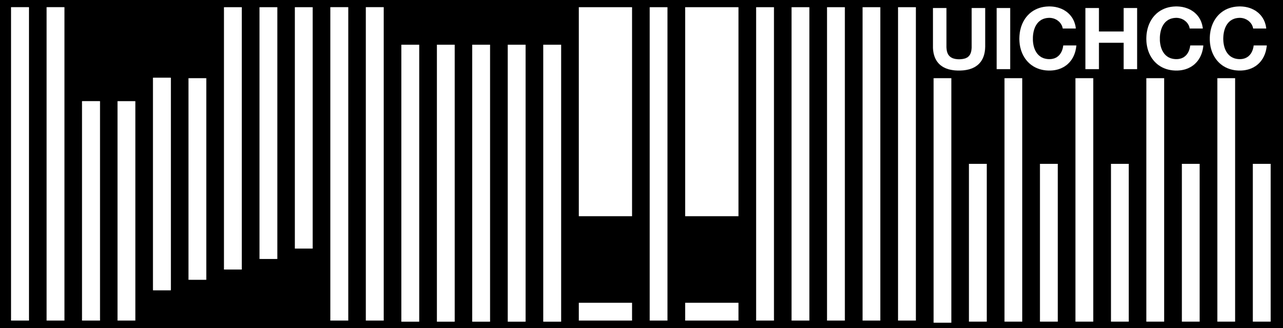




GitHub

stackoverflow

# Join the community

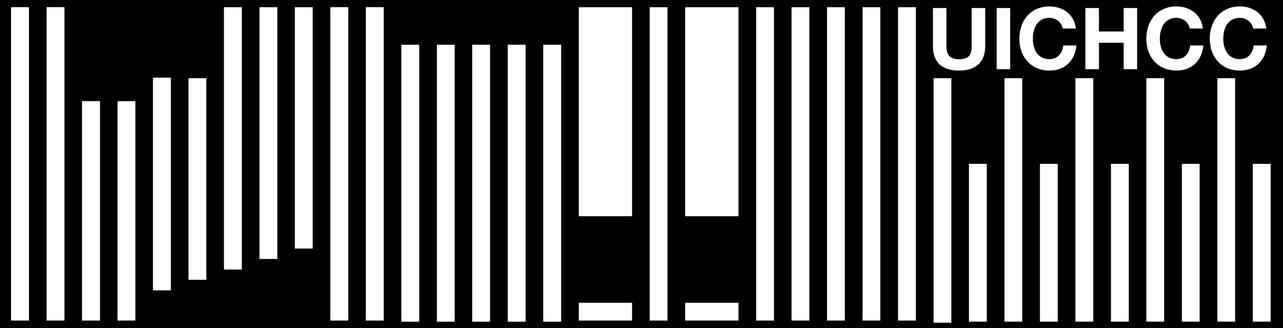
ADVERTISEMENT




UICHCC Computer Club

计 算 机 俱 乐 部 https://uichcc.com

ADVERTISEMENT




**UICHCC Computer Club**

**计 算 机 俱 乐 部**　**https://uichcc.com**

1. 扫码添加机器人
2. 私聊 “hcc”
3. 加入 HCC Staging 群

# Thank you.

- UICHCC Computer Club: https://uichcc.com
- UICcst: https://uiccst.com
- UICds: https://uicdatascience.com

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