

CSUCI Computer Science Club

79 members as of April 18, 2019

Learning

Intro to Git Workshop

- > Volunteers taught GitHub to prepare students for COMP 350 and to establish a code portfolio

Programming Guru Competition

- > annual programming contest
- > features problems designed by CS professors



Career Building

Company Meetups

- > Pivotal Software
- > NAFVAC NITC
- > ID Tech: Teaching CS

Interview Questions Workshop

- > students prepared for technical interviews
- > practiced whiteboard questions

Resume & Cover Letter Session

- > hosted by Career Services

Outreach

A Day of Coding

- > Three volunteers taught an Intro to Programming workshop for Fillmore High School students
- > High success rate for the first-time programmers

Science Carnival (Fall 2018)

- > CS students volunteered to run a robotics booth



Future Work

Goals of the Computer Science Club, 2019-20

Goals

Goal 1: Expand Learning Opportunities

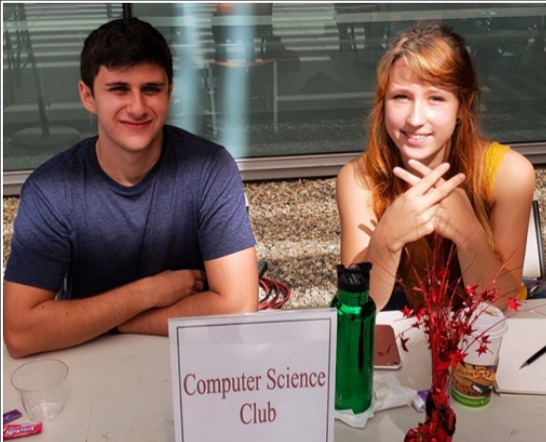
- > Intro to Programming Workshops
- > Teach non-CS students to code

Goal 2: Collaborate with local companies

- > Provide more job opportunities
- > Help students learn the skills they need to get programming/tech jobs

Goal 3: Increase outreach

- > Teach more workshops for kids
- > Get more kids interested in computer science and in CSUCI



Competitive Programming Club

❖ Club President: Michael Petracca

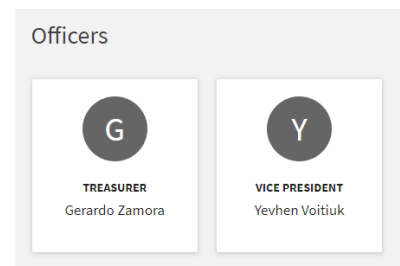
❖ 2018-19 Events

- ❖ Code-meet-ups and Guru Training
- ❖ Also, co-hosting the Guru competition.
- ❖ ACM - ICPC practice

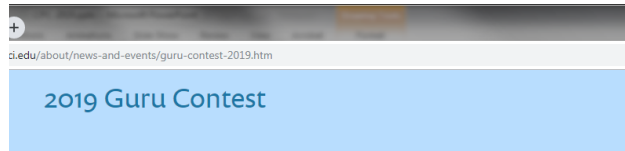
❖ Future Events

- ❖ Trainings/practices for competitions,
- ❖ Mock-Interviews
- ❖ Team building exercises for ACM
- ❖ Social events.

❖ 2019/20 Officers



2018/2019 Guru



The **2019 CS Programming GURU Contest** was held on Friday, April 26th. The contest challenged students to work individually to solve 8 computer programs of varying degrees of difficulty. The competition software was modeled after the [ACM's International Intercollegiate Programming Contest](#) with the slight modification that problems were designed by CI Computer Science faculty. Special thanks go to Prof. Kevin Scrivnor for configuring the software (this is no small feat) and moderating and Prof. Nick Stern and Prof. Jason Isaacs for moderating well into their Friday nights!

As with the ACM competition, students could solve problems in the computer language of their choice, which this year included C, C++, Java and Python. Individuals are also free to develop solutions using any algorithm that produced the results specified in the time allotted. The link to the problem set submitted by CI faculty can be found here: [2019 Guru Problem Set \(PDF, 1.7MB\)](#).



Scoreboard CI Guru Programming Competition 2019

starts: 18:00 - ends: 23:00 (frozen since 21:08)

RANK	TEAM	SCORE	ELECTION	FLOORPLAN	KAPREKARS	MATRIX	NEVER2LATE	RADISH	THEREYET	WHOS TURN
1	SIE-1222-10	7 734	3/60	1/6	3	1/64	1/162	1/107	1/173	2/121
2	SIE-1222-22	5 427	0	1/6	1/57	0	3/73	1/132	1/149	3
3	SIE-1222-16	4 343	0	2/23	1/59	0	2	1/108	0	2/143
4	SIE-1222-06	4 414	0	1/18	0	0	2/101	1/61	1/125	0
5	SIE-1222-01	3 229	1/88	1/13	1	0	0	3/119	0	2
6	SIE-1222-24	2 132	0	1/13	0	0	2/114	0	1	1
7	SIE-1222-12	1 16	0	1/16	0	0	0	7	0	0
8	SIE-1222-13	1 36	0	1/36	0	0	0	0	0	0
9	SIE-1222-18	1 38	0	1/38	0	0	0	0	0	0
10	SIE-1222-11	1 48	0	3/38	0	0	0	4	0	0
11	SIE-1222-03	1 92	0	3/92	0	0	0	0	0	0
12	SIE-1222-14	1 102	0	3/92	0	0	5	0	0	0
13	SIE-1222-07	1 133	0	6/108	0	0	0	0	0	0
14	SIE-1222-04	1 168	3/158	0	0	0	0	0	0	0
15	demoteam	0 0	0	0	0	0	0	0	0	0
	demoteam2	0 0	0	0	0	0	0	0	0	0
	Example teamname	0 0	0	0	0	0	0	0	0	0
	SIE-1222-02	0 0	0	0	0	0	0	0	0	0
	SIE-1222-05	0 0	0	0	0	0	0	0	0	0
	SIE-1222-08	0 0	0	2	0	0	0	0	0	0

This year, the contest featured a jam-packed lab of competitors from Computer Science and Information Technology (see a couple images above). In the end, the contest featured a changing of the guard for 2019, with **Stephen Berks** becoming the **2018/19 Programming GURU**. Congratulations to Jose Rodriguez for finishing runner-up and Josh Masci for rounding out the Top 3!



1. First Place - Stephen Berks (middle), solving 7/8 problems.
2. Second Place - Jose Rodriguez (right), solving 5/8 problems.
3. Third Place - Josh Masci (left), solving 4/8 problems.

All participants received pizza and drinks!

Congratulations to all who participated!

CI Computer Girls

Mission

- ★ The purpose of this club is to build and foster female presence in the fields of technology. We are here to provide resources, expertise, advice, support and friendship to anyone interested in being part of this movement.

Faculty

- ★ We are welcoming two new female faculty members to the Computer Science department, and we look forward to seeing how they will inspire female CI students in the future.



Club Events

★ Grace Hopper Celebration - Tech Conference & Career Fair

- Six female students
- Mentoring circles
- Inspirational speakers
- Career fair
- Interviewing and networking experience
- A full-time position at Honeywell!

★ Girls Make Tech With Heart

★ Science Carnival

