



Computer Science Enrichment Club

2018-2019 Orientation

Table of Contents

Slide 1	About us...
Slide 2	Executive Team
Slide 3	Tech Seminars
Slide 4	PC Building
Slide 5	Job Searching
Slide 6	Seminar Plans
Slide 7	Algorithms Division
Slide 8	ACM-ICPC
Slide 9	Competitions and Events
Slide 10	UTSCode
Slide 11	Hack the Valley
Slide 12	Special Announcement
Slide 13	Connect with us + Questions
END	Networking + Mixer

Timeline

4:00 – 4:30	Waiting for people
4:30 – 5:00	Orientation
5:00 – 6:00	Q&A and Networking

CSEC

About us...

The Computer Science Enrichment Club is a student-run group at the University of Toronto Scarborough.

We focus on enriching the CS experience for students across the University of Toronto through engaging tech seminars, competitions, and workshops. **Our goal is to build a strong CS community within UTSC.**

We train and send teams to internationally acclaimed coding competitions like PennApps, Hack the North, and even the ACM-ICPC.

The best part? **It's all free.**



COMPUTER SCIENCE ENRICHMENT CLUB

CSEC Executive Team



Brian C.

President



Saba K.

Director of Internal & External Affairs



Charmaine Y.

Marketing Director



Prantar B.

Site Reliability Engineer



Paolo V.

Events Director



William G.

Algorithms Division Leader



Kevin S.

Operations & Sys. Admin

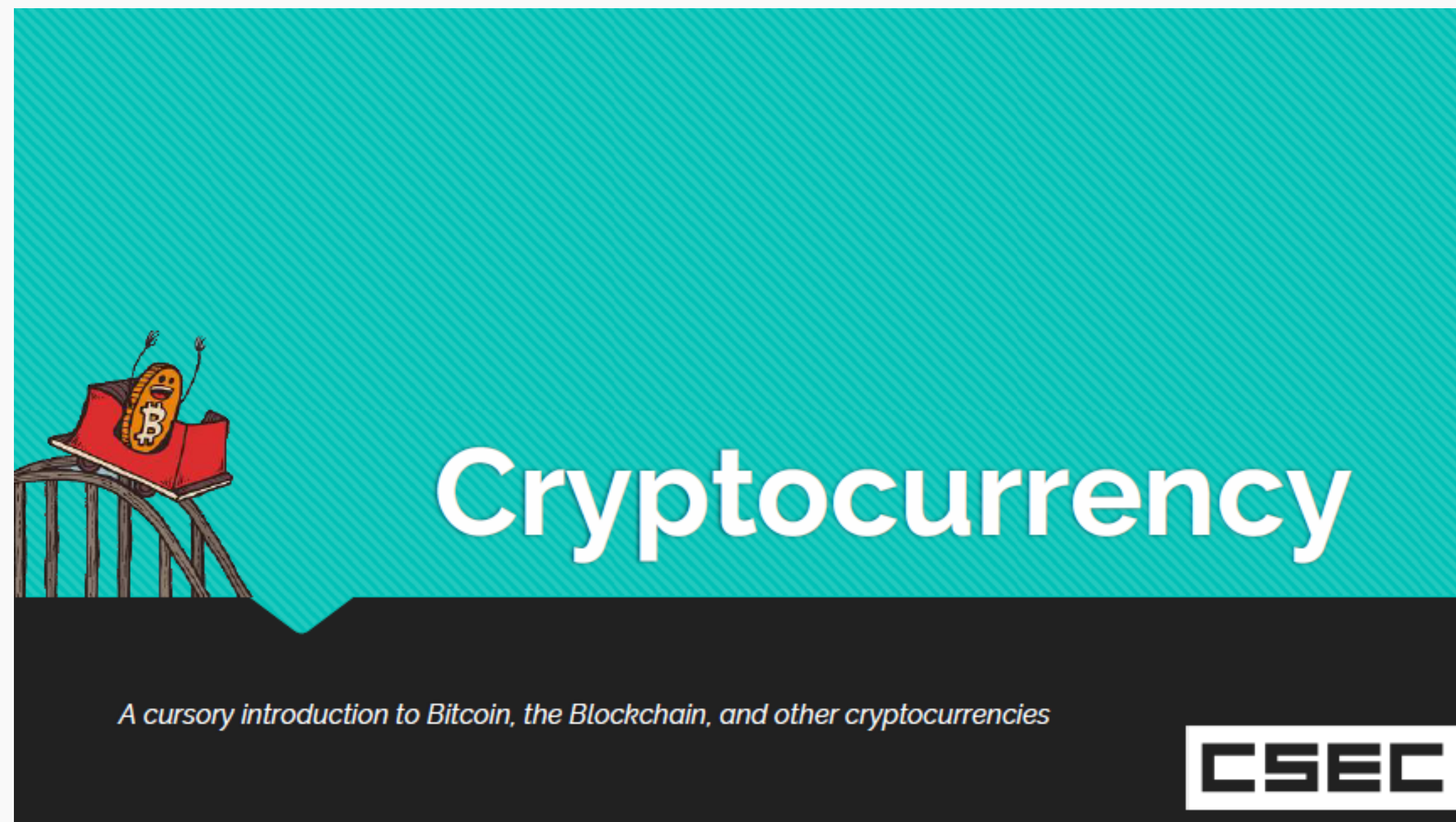


Samiul H.

Site Reliability Engineer



CSEC Tech Seminars



CSEC runs monthly tech-focused seminars on various topics.

Some of the topics we explored last year include:

- Job Searching and Internships
- PC Building
- Cryptocurrencies
- Computer and Network Security
- Web Development

A person is shown from the side, wearing a dark t-shirt, working on a computer case. The case is open, revealing internal components like the motherboard, RAM, and power supply. The person's hands are visible, and they appear to be installing or adjusting a component. The background is dark and out of focus.

CSEC

PC Building Seminar

- Learned about various components of PCs and their roles
- Addressed common arguments in Intel vs AMD / NVidia vs AMD
- Discussed common first PC build mistakes (poor quality parts, short circuiting, etc.)
- Live-built a \$1,000 PC with various parts and booted to Post

CSEC Job Search Seminar

- Learned about where to find Internship opportunities
- Uncovered interview processes with Big 4
- Practiced various interview questions and techniques
- Discovered various interview resources (CTCI, EPI, etc.)
- Tips from Guest Speaker Google SE Intern, Alex

CSEC Seminar Plans

Fall

September:

CSEC Orientation
UTSCode II

October:

Job Searching and Networking
Linux, Unix commands, and more

November:

Version Control and Git
Continuous Integration and Jenkins

December:

Winter

January:

Containers and Docker
Orchestration and Kubernetes

February:

Hack the Valley

March:

Open Source Software Movement
Lightning Talks

April:

General Elections, Administrivia

CSEC Algorithms Division

CSEC has specific divisions with a keen focus on one area of Computer Science. In the past, we had web dev and network security divisions.

This year, we have the **Algorithms Division**. This division focuses on solving algorithmic problems like those found on TopCoder, CodeForces, **Google** Code Jam and **Facebook** HackerCup.

Taught on a weekly to biweekly basis, we cover topics like Graph Theory, Dynamic Programming, and a wide variety of algorithms and creative problem solving methods.

The Algorithm Division is ran by **William**, a CSCC73 TA and long time competitive coder



CSEC ACM-ICPC



Our main focus of the year is training, competing, and winning recognition at the ACM-ICPC, or the Association of Computing Machines' **International Collegiate Programming Contest**

This contest features competitors from all over the world solving sets of problems in groups of 3. Over **50,000** students from over **3,000** universities in **100+** countries participate every year!

CSEC Competitions and Events



As a club of enthusiasts, we love challenges and competitions!

Members of CSEC attend all sorts of events from Hackathons to Coding Competitions. We also host our own events on a yearly schedule.

Join CSEC members in exploring hackathons all over the continent and earn renown in coding competitions online!

CSEC & AMACSS Hack the Valley I & II

Hack the Valley I

- Held on January 7-9th 2017
- Over **300** total participants from across Ontario
- Over **\$3,500** in prizes to be won

- Free food and awesome swag
- Over 48h of intense creativity
- UTSC's Official Hackathon
- Awesome workshops and tech speakers

Hack the Valley II

- Held on February 23-25th 2018
- Over **500** total participants from across the World, 3000+ applicants
- Over **\$10,000** in prizes to be won

CSEC UTSCode I

- UTSC's first annual Competitive Coding Challenge
- Held on March 17th 2017
- 5 hours total running time
- Over 100 participants
- Over \$1,000 in prizes to be won
- Free food, drink, and refreshments

LIVE

BREAKING NEWS

CSEC ANNOUNCES UTSCODE 2

23:56

WOW IM SO GLAD THAT THIS IS HAPPENING IN MY LIFETIME - UTSC CS STUDENTS REACT

UTS Code

< 2018 >



Saturday, **September 29th**, 2018
From **12PM - 5PM**
Instructional Center – **Room TBD**

Teams of 3
5 Hours
\$1,500+ in Prizes

Register at: utscore.com

Sponsors





The World of Work

Job Search Seminar

Friday, October 12th , 2018

From **4PM - 6PM**

Instructional Center – **Room TBD**

- Interview Tips
- Networking Tips
- Whats it like to work for a top company?
- What do big companies look for?
- What are their interview processes like?

Featuring Panelists from...



CSEC Overview



COMPUTER SCIENCE ENRICHMENT CLUB

CSEC offers:

- Free bimonthly tech seminars
- Algorithmic Division for competitive coding
- Contests and competitions like hackathons and coding challenges

Our goal:

To create a great CS community at UTSC where students can collaborate and learn with each other



Questions?



csec.club



fb.me/csecutsc



csec@utsc.utoronto.ca



discord.gg/zSxAeCf

**Keep up to date
with CSEC!**

**Add the CSEC Events
Calendar**

csec.club/events