



The CENTRE for EDUCATION
in MATHEMATICS and COMPUTING

*2019
Canadian
Computing
Competition
Results*

Sponsors:

WATERLOO
MATHEMATICS

Junior Competitors

Students are listed in alphabetical order within each group.

Dans chaque group, les élèves sont nommés en ordre alphabetiques.

Name/Nom	School/École	Location/Endroit
Group 1: Scores from 75 to 75		
ATCHUTHANANTHAN ARUN	Upper Canada College (Upper School)	Toronto, ON
CHAI JUN	The H.S. Affiliated to Renmin Uni. of China	Beijing, –
DING KAIDA	Southwest Weiyu Middle School	Shanghai, –
HO LYNDON		Vancouver, BC
LEESON RYAN	Eric Hamber S.S.	Vancouver, BC
LI KEVIN	Aurora H.S.	Aurora, ON
LU KEVIN	Sir Winston Churchill S.S.	Vancouver, BC
SMOTROVS INGUS	Riga State Gymnasium No 1	Riga, –
STOER MARK	Mount Douglas S.S.	Victoria, BC
TIAN TYLER	Bloor C.I.	Toronto, ON
WANG YUZHOU	BIT School of Computer Science	Beijing, –
XI RICK	The H.S. Affiliated to Renmin Uni. of China	Beijing, –
ZENG THOMAS		White Rock, BC
ZHANG TIMOTHY	St. George's School	Vancouver, BC
Group 2: Scores from 69 to 74		
CAI ALEXANDER	Old Scona Academic H.S.	Edmonton, AB
CHAN ETHAN	Glenlyon Norfolk School	Victoria, BC
CLAVETTE FRANCIS	Champlain Reg. College - St. Lambert	Saint-Lambert, QC
DER MARCUS	Jasper Place School	Edmonton, AB
GASKIN PATRICK	Anderson C. and V.I.	Whitby, ON
HAN NICOLE	William Lyon Mackenzie C.I.	North York, ON
JIAO JIALING	Bayview Glen School	North York, ON
LETKEMAN TIMOTHY	Walter Murray C.I.	Saskatoon, SK
LI LINYI	Fraser Heights S.S.	Surrey, BC
LIANG ANDY	Eric Hamber S.S.	Vancouver, BC
LIU KEVIN	Norma Rose Point	Vancouver, BC
LU SHICHENG	Richview C.I.	Etobicoke, ON
MAGNUSON ANDREW	Toronto French School	North York, ON
NEBESNY MICHAEL	Anderson C. and V.I.	Whitby, ON
QIAO KEVIN	Richmond Hill H.S.	Richmond Hill, ON
REN XIAOYAN	Suzhou Foreign Language School	Suzhou, –
SZETO WILLIAM	University of Toronto Schools	Toronto, ON
WANG KATELYN	Richmond Hill H.S.	Richmond Hill, ON
WANG JINGYUE	Southwest Weiyu Middle School	Shanghai, –
WANG ALDRICH	The H.S. Affiliated to Renmin Uni. of China	Beijing, –
ZHONG AITONG	The Webb Schools	Claremont, CA
Group 3: Scores from 66 to 68		
BANDEKAR ADITYA	Western Canada H.S.	Calgary, AB

Student Honour Roll**Palmarès étudiants**

Name/Nom		School/École	Location/Endroit
BASARAN	EMRE	Pickering College	Newmarket, ON
CHEN	MARKSON		Vancouver, BC
CHEN	JOSHUA	Christ Church Grammar School	Claremont, –
CHEN	KEVIN	Taipei European School	Taipei, –
CHONG	TONY	Middlefield C.I.	Markham, ON
FERNANDES	VALERIE	Richmond Hill H.S.	Richmond Hill, ON
FETELYA	ANTHONY	Jean Vanier C.H.S.	Richmond Hill, ON
GODFREY	MAX	Christ Church Grammar School	Claremont, –
GOZALI	OWEN	British School Jakarta	Jakarta, –
HUANG	SNOW	Thornhill S.S.	Thornhill, ON
HUANG	JASON	John Fraser S.S.	Mississauga, ON
KUMAR	ARNAV	Webber Academy	Calgary, AB
LEATHER	ARIC	Walter Murray C.I.	Saskatoon, SK
LEI	HAOTIAN	Xi'an Tie Yi High School	Xi'an, –
LIU	JUNYI	Dalian Maple International School	Dalian, –
MARTIN	OWEN	Edison School	Okotoks, AB
O'HARA	FINN	St. Thomas Aquinas S.S.	London, ON
PATIL	CHINMAY	Lillian Osborne H.S.	Edmonton, AB
QIU	ANDREW		Vancouver, BC
SYED	SHOAIB	Stephen Lewis S.S.	Mississauga, ON
TANG	STANLEY	Markville S.S.	Markham, ON
TANWEER	RAYHAAN	John Fraser S.S.	Mississauga, ON
VAHABPOUR	ARYAN	Young Mathematician Association	Tehran, –
WANG	JERRY	Linbrook School	Oakville, ON
WEIS	ALLON		London, ON
WONG	ERNEST	St. Robert C.H.S.	Thornhill, ON
ZHANG	HONGTAO	Vanke Meisha Academy	Shenzhen, –
ZHOU	JOEY	White Oaks S.S.	Oakville, ON

Group 4: Scores from 61 to 65

DENG	YUHUAN	St. Benedict C.S.S.	Cambridge, ON
GUIKAL	STEVEN	William Lyon Mackenzie C.I.	North York, ON
TRAN	SEAN	Maple H.S.	Maple, ON

Senior Competitors

Students are listed in alphabetical order within each group.

Dans chaque group, les élèves sont nommés en ordre alphabétiques.

Name/Nom	School/École	Location/Endroit
Group 1: Scores from 48 to 75		
BAL	EKREM	Kozyatagi Egitmen College Istanbul, –
CHAU	BRIAN	Woburn C.I Scarborough, ON
CHEN	GEORGE	Marc Garneau C.I. North York, ON
DONG	ANDREW	Centennial C. and V.I. Guelph, ON
EROL	MEHMET HAMZA	Karsiyaka Ugur Okullari Ornekkoy Kampusu Izmir, –
GUO	THOMAS	Phillips Exeter Academy Exeter, NH
HALIM	HOWARD	University of Toronto Schools Toronto, ON
IMANIVALA	ALIPASHA	UMC H.S. Toronto, ON
JIANG	TIANQI	Lisgar C.I. Ottawa, ON
KIM	JUHO	York Mills C.I. North York, ON
LAN	SUNNY	Richmond Hill H.S. Richmond Hill, ON
LI	WILLIAM	University of Toronto Schools Toronto, ON
LI	MICHAEL	Marc Garneau C.I. North York, ON
LI	RUDY	Earl Haig S.S. North York, ON
LIAO	ALEXANDER	Waterloo C.I. Waterloo, ON
LUO	ROYI	Richmond Hill H.S. Richmond Hill, ON
MAYER	MOSES	Jakarta Int'l School Jakarta, –
PEI	ALLEN	University of Toronto Schools Toronto, ON
PUN	AVA	Marc Garneau C.I. North York, ON
QIN	BILL	Phillips Academy Andover, MA
RONG	VICTOR	Marc Garneau C.I. North York, ON
TANG	DAVID	University of Toronto Schools Toronto, ON
UNG	STEVEN	Stephen Lewis S.S. Thornhill, ON
WAN	KEVIN	Marc Garneau C.I. North York, ON
WANG	JUNYI	William Lyon Mackenzie C.I. North York, ON
WANG	HUI	Shanghai Jin Hua M.S. A-Level Campus Shanghai, –
WANG	SEAN	Point Grey S.S. Vancouver, BC
XU	ALEX TIANYI	White Oaks S.S. Oakville, ON
YI	RICHARD	William Lyon Mackenzie C.I. North York, ON
ZHANG	EVAN	William Lyon Mackenzie C.I. North York, ON
ZHOU	ZIXIANG	London Central S.S. London, ON
Group 2: Scores from 45 to 47		
DANCY	RYAN	Anderson C. and V.I. Whitby, ON
DENG	YI	William Lyon Mackenzie C.I. North York, ON
FENG	ZHENBANG	Guangzhou Foreign Language School Guangzhou, –
GU	HENRY	Don Mills C.I. North York, ON
GUGELER	KEENAN	Waterloo C.I. Waterloo, ON
HE	JINGYUAN	Qingdao GAC-ACT Center Qingdao, –
HE	JUNCHENG	University of Toronto Schools Toronto, ON

Student Honour Roll**Palmarès étudiants**

Name/Nom		School/École	Location/Endroit
HUANG	MICHAEL	Bell H.S.	Nepean, ON
JAIRAM	BRIAN	Senator O'Connor College School	North York, ON
JIANG	HENNING	Vincent Massey S.S.	Windsor, ON
LI	ZONGGAO	Lorne Park S.S.	Mississauga, ON
LI	JONATHAN	Sir John A. Macdonald S.S.	Waterloo, ON
LIN	PETER	Bayview S.S.	Richmond Hill, ON
MAI	STEVEN	University of Toronto Schools	Toronto, ON
OU	SIMON	Bayview S.S.	Richmond Hill, ON
OUYANG	XINYI	Yali H.S.	Changsha, –
QU	ZHONGHANG	BIT School of Computer Science	Beijing, –
SONG	DANIEL	Westmount S.S.	Hamilton, ON
STAADECKER	MARTIN	E.S. Etienne-Brule	North York, ON
TAI	JAMES	Hugh McRoberts S.S.	Richmond, BC
TAMBER	MANVEER	Chinguacousy S.S.	Brampton, ON
TENENBAUM	LEO	University of Toronto Schools	Toronto, ON
WANG	JING	North Toronto C.I.	Toronto, ON
WANG	THOMAS	Victoria Park C.I.	North York, ON
WANG	BRIAN	University of Toronto Schools	Toronto, ON
XU	SCOTT	Vincent Massey S.S.	Windsor, ON
YANG	DANIEL	University of Toronto Schools	Toronto, ON
YU	ZHAOCHEN	Southwest Weiyu Middle School	Shanghai, –
ZHANG	ALEX	St. Andrew's College	Aurora, ON
ZHU	XIAOYU	Centennial C. and V.I.	Guelph, ON

Group 3: Scores from 43 to 44

BIALO	EVAN	Western Tech. Comm. School	Toronto, ON
CHEN	BRYAN	Markham District H.S.	Markham, ON
CHRISTENSEN	JACK	London Central S.S.	London, ON
CHUNG	ROBERT	Woburn C.I.	Scarborough, ON
ERMAKOV	ILYA	Academic Lyceum of Westminster Int'l University	Tashkent, –
FRIEDMAN	ZEV	Academy for Gifted Children-PACE	Richmond Hill, ON
GAO	VICTOR	Victoria Park C.I.	North York, ON
GENG	YUTONG	Southwest Weiyu Middle School	Shanghai, –
GUO	JASON	John Fraser S.S.	Mississauga, ON
HAHN	MICHAEL	University Hill S.S.	Vancouver, BC
HE	CATHERINE	Sir John A. Macdonald C.I.	Scarborough, ON
HU	BILL	University of Toronto Schools	Toronto, ON
HUANG	WILLIAM	Woburn C.I.	Scarborough, ON
HUO	ROBIN	Woburn C.I.	Scarborough, ON
JEON	SEBASTIAN	PEN Education	Old Tappan, NJ
JIANG	KEN	Lisgar C.I.	Ottawa, ON
KONG	MARTIN	Abbey Park H.S.	Oakville, ON
LI	ZHENING	Sir John A. Macdonald S.S.	Waterloo, ON
LI	YUXUAN	Southwest Weiyu Middle School	Shanghai, –
LI	RAYMOND	Bayview S.S.	Richmond Hill, ON
LI	DICKSON	Bayview S.S.	Richmond Hill, ON
LI	MAX	William Lyon Mackenzie C.I.	North York, ON
LIU	ALLEN	Richmond Hill H.S.	Richmond Hill, ON

Student Honour Roll**Palmarès étudiants**

Name/Nom		School/École	Location/Endroit
LIU	RUSSELL	Renaissance College HK	Man On Shan, –
MATUSCH	BRENDON	Lo-Ellen Park S.S.	Sudbury, ON
NASH	DAVID	William Lyon Mackenzie C.I.	North York, ON
PHELPS	SHAWN	Claremont S.S.	Victoria, BC
RESZETNIK	RYAN	Crescent School	North York, ON
ROMANOV	DMYTRO	Marianopolis College	Westmount, QC
SHENG	SONG	St. John's-Ravenscourt School	Winnipeg, MB
WANG	ANDREW	Sir John A. Macdonald S.S.	Waterloo, ON
WANG	HAOTIAN	Suzhou Foreign Language School	Suzhou, –
WANG	ERICA	Cardinal Carter Academy	North York, ON
WEN	ALEXANDER	David Thompson S.S.	Vancouver, BC
WONG	ETHAN	Markville S.S.	Markham, ON
YAO	BRIAN	Burnaby North S.S.	Burnaby, BC
YU	HAOYUAN	Southwest Weiyu Middle School	Shanghai, –
ZHANG	JERRY		Markham, ON
ZHANG	XITING	Guangdong Country Garden Sch.	Foshan City, –
Group 4: Scores from 39 to 42			
BAI	KEVIN	St. Ignatius H.S.	Thunder Bay, ON
CARR	NICHOLAS	Richmond Hill H.S.	Richmond Hill, ON
CHEN	LEO	Vincent Massey S.S.	Windsor, ON
CHENG	RUOTONG	Westfield Secondary School	Thornhill, ON
CHI	STEPHEN	Mackenzie Community School	Deep River, ON
DIMRI	TANAVYA	DPS International School	New Delhi, –
DING	HONGYU	Milliken Mills H.S.	Markham, ON
DU	MICHAEL	Richmond Hill H.S.	Richmond Hill, ON
FU	ROGER	Marc Garneau C.I.	North York, ON
GRANDHI	ALAAP	Turner Fenton S.S.	Brampton, ON
GUO	KEVIN	Markville S.S.	Markham, ON
HUANG	TOMMY	The Woodlands Sec. School	Mississauga, ON
JANKE	SHEA	Burnaby South S.S.	Burnaby, BC
JI	JOSHUA	Old Scona Academic H.S.	Edmonton, AB
KANG	JOON	Pinetree S.S.	Coquitlam, BC
KERN	DECKLYN	Strathcona H.S.	Edmonton, AB
KWOK	JACKY	St. Andrew's College	Aurora, ON
LAI	ALBERT	Pierre Elliott Trudeau H.S.	Markham, ON
LAMEI	ARMAN	Richmond Hill H.S.	Richmond Hill, ON
LI	ZHUOYAN	BIT School of Computer Science	Beijing, –
LI	HEZHI	Toronto Central Academy	Toronto, ON
LIANG	JINGZHI	Marc Garneau C.I.	North York, ON
LIN	DA XING	Sir Allan MacNab S.S.	Hamilton, ON
LIU	SERENA	North Toronto C.I.	Toronto, ON
MORAN	TOMER	Vanier College	Saint-Laurent, QC
OREN	MICHAEL	Richmond Hill H.S.	Richmond Hill, ON
PEI	ERIC	Don Mills C.I.	North York, ON
QIANG	XINWEI	Southwest Weiyu Middle School	Shanghai, –
RAIZMAN	LEV	William Lyon Mackenzie C.I.	North York, ON
SHENG	SIRUI	Toronto Central Academy	Toronto, ON

Student Honour Roll**Palmarès étudiants**

Name/Nom		School/École	Location/Endroit
SIDLE	WILL	Nepean H.S.	Ottawa, ON
SNELGROVE	DYLAN	Markville S.S.	Markham, ON
SONG	JOON	Stephen Lewis S.S.	Thornhill, ON
TANG	HENRY	Marc Garneau C.I.	North York, ON
TIAN	JASON	John Fraser S.S.	Mississauga, ON
TRAN	ALBERT	York Mills C.I.	North York, ON
TREVISAN	CHRISTOPHER	William Lyon Mackenzie C.I.	North York, ON
TSIRLIN	MIKHAIL	John McCrae S.S.	Nepean, ON
WU	QISHEN	Langstaff S.S.	Richmond Hill, ON
WU	LARRY	Pierre Elliott Trudeau H.S.	Markham, ON
WU	MATTHEW	Western Canada H.S.	Calgary, AB
XIA	TANGLIN	Waterloo C.I.	Waterloo, ON
YANG	SHENGCHAO	Shanghai Jin Hua M.S. A-Level Campus	Shanghai, –
YANG	JINYANG	Toronto Central Academy	Toronto, ON
YANG	TIANYU	Toronto Central Academy	Toronto, ON
YU	EVAN	Iroquois Ridge H.S.	Oakville, ON
YU	YOUNG		North York, ON
YU	DANIEL	Waterloo C.I.	Waterloo, ON
ZENG	ANDREW	Burnaby South S.S.	Burnaby, BC
ZHANG	ETHAN	Don Mills C.I.	North York, ON

Problem Averages**Moyenne par problèmes**

Problem	All Contestants	Non-Zero Scores	Problem	All Contestants	Non-Zero Scores
Junior 1	13.92	14.94	Senior 1	13.47	14.91
Junior 2	10.70	14.96	Senior 2	6.71	10.16
Junior 3	5.82	14.70	Senior 3	1.43	6.42
Junior 4	8.35	14.83	Senior 4	0.13	4.82
Junior 5	0.20	10.66	Senior 5	0.06	6.87

The averages denoted as “All Contestants” in the above table indicate all students in the division. The averages denoted as “Non-Zero” scores in the above table include only students in the division who received a non-zero score on the problem.

There were 2719 Senior contestants and 3713 Junior contestants.

Student Rankings**Classement des élèves**

<i>Junior Competitors</i>						<i>Senior Competitors</i>					
Score/ Note	Rank/ Position	Score/ Note	Rank/ Position	Score/ Note	Rank/ Position	Score/ Note	Rank/ Position	Score/ Note	Rank/ Position	Score/ Note	Rank/ Position
75	1	49	1339	31	2057	75	1	46	35	33	435
74	15	48	1340	30	2058	64	4	45	44	32	446
68	36	47	1345	28	2783	62	6	44	62	31	447
67	43	45	1347	27	2784	60	7	43	63	30	448
61	65	43	2007	26	2785	58	8	42	101	28	847
60	68	42	2011	24	2788	55	9	41	104	27	854
57	1274	41	2012	23	2790	54	10	40	111	25	868
56	1276	40	2013	22	2800	51	11	39	115	24	990
55	1278	38	2029	19	2805	50	14	38	151	23	992
53	1305	37	2048	15	2807	49	15	37	154	21	994
52	1335	34	2052			48	18	36	182	20	1767
50	1338	33	2053			47	32	34	216	19	1768

2019 Canadian Computing Competition Committee

Tudor Brindus University of Toronto	Carmen Bruni University of Waterloo	Rich Clausi Emlira D.S.S. (Retired)	Robert Cummings University of Waterloo
Sandy Graham University of Waterloo	Andy Huang University of Waterloo	Jacob Jackson University of Waterloo	Graeme Kemkes University of Waterloo Alumnus
Andy Kong University of Michigan	Prof. Ondřej Lhoták University of Waterloo	Timothy Li University of Waterloo	Ron Ouwerkerk St. George's School
Jacob Plachta Facebook	J.-P. Pretti University of Waterloo	Dr. David Pritchard Google	Sean Purcell University of Waterloo
Dr. Troy Vasiga University of Waterloo	Spencer Whitehead University of Waterloo	Farbod Yadegarian University of Waterloo	Ben Zhang University of Waterloo