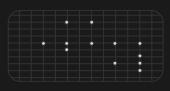




CPSC 547 Pitch

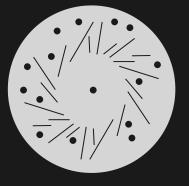






UBC CS Grad Students Cost of Living Survey

Devyani M & Tommy N













B.C.'s university, college students scrounging to pay for it all

Inflation has driven up the prices of nearly everything, making it ... The AMS Food Bank also recently asked the Greater Vancouver Food Bank...





Debt: Canadians concerned amid inflation | CityNews ...

CityNews Vancouver spoke to one woman from Richmond, B.C., ... nothing to do with how much rent costs or how much inflation is or gas costs.



Problem



B.C. inflation changes grocery shopping habits | CityNews ...

Jess Pirnak, a registered dietitian in Greater Vancouver, says with the high cost of food, we can't afford to just throw money away.



Georgia Straight

Gasoline prices spike to near \$2.34 per litre in Metro Vancouver

Higher retail gasoline prices have the potential to boost inflation, which stood at 7 percent across Canada in August on a year-over-year...



- Difficult living in Vancouver on CS Grad stipend
- Vancouver is expensive
 - \$2,500 for 1-bedroom
 - 7% increase in food price in 2022
 - 8.8% inflation in 2022
- UBC CS graduates' stipends between \$19,000 - \$33,000
- To focus on academics or making money?

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1 B	RID	Food	Social	Health	Utilities	Housing	Commute	e Trav	el - how ofte Trav	el costs Refrain fro	n tray Emergency fund	1 Savings	Shared expense	Other ex	openses (Other expense	s Safety	Sate	stipend ran Access to	other RA	TA	Awa	rds Oth	er sources Other	support Loan	s Consid	ering worl Extra w	ork hours RA hours a wee
2		Food (grocer	es. Social (dinir	ng ou Health cost	s (ins Utilities (in	nternet, Rent or r	nortgagi Commute													s your moi What i	s your moi Wha						rage, how if you feel comfo
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4	2		00	50	75	35		43.35	1	1500 Yes	Yes, but not end		0 Yes, and I am the		NA NA	No	20	2500 No		0	1670	0	0	0	0 Yes	NA	NA NA
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16	14		00	300	0	0	1085	0	0	0 Yes	Yes, but not end	1	100 No	NA	NA	No		3200 Yes		0	0	2500	0	0	0 Yes		0 40
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25	23		00	200	20	200	900	50	2	500 Yes	No		0 Yes, we contribu	NA	NA	No		2500 Yes		0	1500	0	0	800	18000 No		0 NA
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27	25		00	200	100	100	1400	200	2	1000 Yes	No		0 No	NA	NA	No		5000 Yes		0	2400	300	0	200	0 Yes		0 NA
28	26		50	100	150	220	1100	40	2 NA	NA	Yes, but not end	1	0 No	NA	NA	No		3000 Yes		2200	0	0	0	0	5000 No		0 NA
29	27	4	00	500	400	100	1500	500	4	5000 Yes	No		0 No	NA.	NA	No		2500 No		800 NA		0	0	0	20000 Yes		15 NA
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31	29	4	00	100	100	150	1600	50	1	2000 Yes	No		50 No	NA	NA	Yes		2600 No		2000	0	0	360	300 NA	Yes		6 NA
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33	31		00	500	100	150	1200	300 NA	NA	Yes	No	NA	No	NA	NA	No		3000 NA		2000 NA	NA	NA	NA	NA	NA	NA	NA
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36	34		00	100	100	200	1300	100	2	1000 Yes	No	NA	Yes, we contribu	NA	NA	No		3000 No		2000	0	0	0	0 NA	Yes		50 NA
37	35		00	300	100	250	2500	400	0.25	2000 Yes	Yes, but not end	NA	No		200 I have a pet wit	nic No		4000 Yes		1500	0	1000 NA		2000 NA	No		0 40
38	36		00	0	0	200	1900	0 NA	NA	NA	Yes	NA	No	Na	NA	No		3000 No		500 NA		1750	2000	0	0 NA		12 NA
39	37		50	150	90	80	1050	450	15	2000 No	Yes		0 No	NA	NA	No		2800 Yes		2000	1934	0	0	800	0 Yes	NA	35
40	38	3	50	200	115	90	1400	90	1	1 Yes	No	NA	Yes, but I am not	NA:	NA	No		4000 Yes		2800	0	0	0	500 NA	Yes	NA	
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42	40		50	350	150	170	1700	80	1	2000 Yes	Yes			Na	NA	No		3000 Yes		2000	0	500	0	500	0 Yes	NA	24
43	41		00		200	100	1200	400	1	4000 Yes	NA			NA	NA	No		2700 Yes		2000	1600	0	0	500	40000 Yes		12 NA
44	42		00	300	300	200	1800	0	1	2000 Yes	No	NA	No	NA	NA	No		3200 Yes		0	0	1500	2200	0	10000 NA		10 NA
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16	43		00	200	70 200	260	1250	500	0.5	2500 Yes	Yes		100 Yes, and I am the		1000 Extended insu			3000 Yes		2166	300	300	0	0 NA	Yes		0 20-30 hours
40			00 NA	100 NA	200 NA	100 NA	1000	100	- 1	1200 Yes	Yes		0 Yes, and I am the		NA	No		3000 No		1500	1000	0	0	0	0 Yes	NA.	12 40
47	45	NA .					NA.		1	1200 Yes	No		0 Yes, but I am not		NA .	No		3000 No		0	1500	0	0 NA	NA.	No	NA.	40
48	40		00	100	75	200	1300	100	1	2000 Yes	Yes			NA	NA	No		3000 Yes		2000	800	0	0	0 NA	No		30 NA
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50	48		00	0	10	200	900	800	0	0 Yes	No	NA		NA	NA	No		3000 No		2200	0	0	400	0	0 Yes		5 40
51	60		00	155	200	50	1080	44	- 1	1666 Vac	No		500 No	MA	NΔ	No		3000 Vac	N/A		1197	324	0	0 NA	No		



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- Anonymous reports
 - 94 grad students
 - 15 CS research areas
- Highlighted concerns:
 - Inflation
 - Food prices
 - Rent
 - Tuition
 - Quality of life





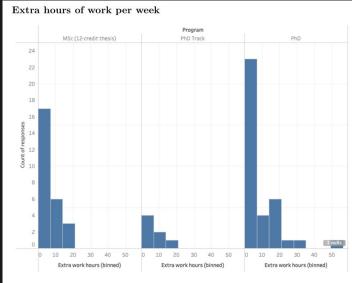


Figure 28: Extra work hours a week (aside from RAship and TAship, N=25).





Data Themes





Basic Expenses

Commute, food, health, housing, tuition, etc.



Life Contexts

Contextualizes personalized conditions



Workload

For potential or other employment



Quality of Life

Gifts, pet, travels, etc.



Funding Sources

For graduate students



Safety Net

If/how one is able to manage current finances



Our Vision

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Understand Students



- Empathize with students
- Recognize cost of living concerns
- Identify disparity between school services and students' perception



Informed Decisions

- Advocate for more fundings
- Faculty & staff to provide more support for students
- Improve student-supervisor relationships



Interactivity



 Visualization tool for incoming and current CS graduate students





Our team





•.











Devyani

- PhD-Track Year 2
- HCI experience
- Programming Experience
- Looking to explore more design softwares

You!

- Share concerns addressed in Cost of Living data
- Data Viz Experience
- Willing to learn data viz with us
- Wanting to explore new tools (D3)

Tommy

- MSc CS Year 1
- UI/UX Design Experience
- Front End Web Development
- Loves learning new softwares





UBC CS Graduate Cost of Living Survey

Come join us and make this a better visualized concern!

Contact us:

- → devyanim@cs.ubc.ca
- → tommyvn@cs.ubc.ca

https://bit.ly/3UMAPBu



