Kelsi Lan

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Highlights of Qualifications

- Currently fourth-year science student working towards Bachelor's of Science in Computer Science
- Problem solving, research and analytical skills gained through course work
- Interpersonal, teamwork, organizational skills gained through multiple IT projects in school
- Highly, self-motivated, hard-working individual that is passionate towards learning and developing new skills
- Fluent in Mandarin, English and Cantonese (Written & Spoken)

Education

- **Bachelor of Science** (Major: Computer Science)   Jan.2019 - Present
Memorial University, St.John's, NL

- **Majored in Computer Science**   Aug. 2017 - Dec.2018
St. John's Junior College, Belize City, Belize   (Transferred to Memorial University in Jan 2019)

- **High School Degree** (Major: Humanities)   Aug. 2015 - June 2017
Belize High School, Belize City, Belize

Projects

Web Portfolio   Aug 2021
- https://kelssslan.github.io/
- Personal project
- Responsive portfolio created using HTML and CSS

Stable Matching Mini-project   April 2021
- https://github.com/kelssslan/StableMatching
- Academic project made in Algorithm Design and Analysis course.
- Observed change in program's running time depending on the input.

- Used the Gale-Shapley algorithm to solve the stable matching problem
- Created using Python

Lights Out   Jan 2021
- https://github.com/kelssslan/StableMatching
- Academic project made in Software Engineering course.
- Goal is to turn off all the lights on the board.
- Interactive game created using Java.

Skills

- **Python:** NumPy, Pandas, scikit-learn, Matplotlib, Pygame
- **HTML**
- **CSS**
- **JavaScript**
- **Java:** GUI libraries
- **C++**
- **Operating Systems:** Windows, Linux
- **Visual Basic**
- **Proficient in**: MS Office such MS Excel, MS Word, PowerPoint, MS Outlook and Adobe Photoshop

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Volunteer Experience

Society Of Women Coders   May. 2020 - Present
- Shared my passion as a Computer Science student to young girls who are interested in careers in the STEM field.
- Participated in "Coding Without Boarders" project to observe and learn how mentors taught the coding courses.
- Planning on taking part of the Belize coding camp project when the pandemic ends.

B.I.O.N.I.C Club   Aug. 2017 - Dec.2018
St. John's Junior College, Belize City, Belize
- Assisted with feeding the homeless at Battlefield Park in Belize City.
- Organized activities in making fruit baskets, cards and origami for critically sick patients at Karl Heusner memorial hospital in Belize City.

- Organized mental illness awareness events on school campus.
- Assisted in distributing donated toys to elementary school students at St.Martin's De Porres Primary School in Belize City.

Belize High School   Aug. 2015 - June. 2017
Belize City, Belize
- Made hats for premature babies, cancer patients and the elderly in Crochet club.
- Tutored elementary school students at St.Martin's De Porres Primary School.
- Assisted teachers in preparing class materials at St.Martin's De Porres Primary School.
- Assisted in sea walk garbage clean up in Oceana club.

Achievements

- Dean's list (top 10% in Faculty of Science) at MUN   2019-2020
- Dean's list at St.John's Junior College   Dec. 2018
- Belize Hackathon Competition   Oct. 2018
- Graduated with honors from Belize High School   June 2017
- Student Council Candidate   April 2017

References

Dr. Mark Hatcher
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Memorial University St. John's, NL, Canada
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Dr. Antonina Kolokolova
Associate Professor, Department of Computer Science
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