

Arseniy Kouzmenkov

arseniykd.github.io

linkedin.com/in/arseniykd

Email : arseniy.kouzmenkov@gmail.com

Mobile : +1(780)667-1547

github.com/arseniykd

EDUCATION

- **University of Alberta** Edmonton, AB
BSc Honors in Computing Science — GPA: 3.7 *September 2017 - December 2020 (Expected)*
 - **Relevant Coursework:** Computer Organization and Architecture, Introduction to Software Engineering, Operating Systems Concepts, Computer Networks, Security in a Networked World

EXPERIENCE

- **Arista Networks** Vancouver, BC
Software Engineer Intern *May 2019 - August 2019*
 - Adapted old CLI command output method to work asynchronously in C++, fixing a hard to reproduce bug and improving platform stability at scale.
 - Designed and implemented a C++ framework to add generic counters to event occurrences, increasing the amount of available debugging information.
 - Redesigned CLI command output using C++, improving command extensibility.
- **University of Alberta** Edmonton, AB
Undergraduate Teaching Assistant *September 2018 - April 2019*
 - Held office hours to aid students with assignments in Python and C++.
 - Attended class to help students with in class programming quizzes and understanding the material better.
 - Developed some of the in class programming quizzes in C++.
- **WCB Alberta** Edmonton, AB
Business Analyst Summer Student *May 2018 - August 2018*
 - Developed and maintained automated smoke and regression tests in C# using CodedUI framework, improving testing time by 40%.
 - Designed and developed an internal website using HTML, CSS and jQuery, improving time for users to reach necessary reports by 15%.
 - Organized and ran test automation training for 15 people across multiple teams, improving awareness about use cases and benefits of test automation.

PROJECTS AND COMPETITIONS

- **Vitabu:** Designed and developed a decentralized book borrowing app in Android using Firebase. Managed the task distribution among six team members.
- **Arduino Air Hockey:** Created an air hockey game in C++ for the Arduino platform with a realistic physics engine.
- **RBH:** Created a retro arcade style bullet hell game in Python3 with Pygame. The game was designed to be easily extensible by other developers.
- **ICPC 2018 Rocky Mountain Regional Contest:** Participated in the ICPC RMRC 2018. Our team got 23rd place out of 64 teams attending.
- **The Name of The Game:** Third place in Hacked 2018 hackathon. It is a platformer meant to introduce children to basic programming concepts. Wrote the API and parser handling user input in C++.
- **Alberta Collegiate Programming Competition:** Our team of three people got second place in Division 2

SKILLS

Software: (*Proficient*): C/C++, Python, TACC, Linux, Git, Perforce
(*Familiar*): Java, SQL, C#, CodedUI, SQLite, Firebase, Arduino, Android

LEADERSHIP & AWARDS

- **Scuba Club:** Elected as the Vice President of Information at the UAlberta Scuba Club from September 2017 to September 2018
- **Residence Services:** Volunteered as a Peer Tutor for the Lister Centre for the 2018-2019 academic year
- **Lambda Chi Alpha Fraternity:** Elected as the Academic Chair (2018-2019), Recruitment Chair (2019-2020) and Fraternity Education Officer (2019 - 2020).
- **Dean's Honor Roll:** Made it on the Dean's Honor Roll in both the 2017 - 2018 and 2018 - 2019 academic years.