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:** Introduction to Software Engineering, Operating Systems Concepts, Computer Networks, Security in a Networked World, Computer Systems and Architecture, Numerical Methods.
- **Dean's Honor Roll:** For 2017 - 2018 and 2018 - 2019 academic years.

EXPERIENCE

University of Alberta Edmonton, AB
Undergraduate Research Assistant *September 2019 - Present*
- Explored Software Defined Radio using GNU Radio on the ADALM-PLUTO platform.
- Researched real time storage and processing of multiple radio bands on the Ettus X310 SDR platform.

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 occurences, increasing the amount of available debugging information.
- Redesigned CLI command output using C++, improving command extensibility.

University of Alberta Edmonton, AB
Head Undergraduate Teaching Assistant *September 2019 - Present*
- Managed a team of 9 Teaching Assistants, coordinating assignment grading and office hours.
- Developed and checked assignments and other course resources in C++ and Python.

Undergraduate Teaching Assistant *September 2018 - April 2019*
- Held office hours and attended class in order to aid students with course content in C++ and Python.

WCB Alberta Edmonton, AB
Business Analyst Summer Student *May 2018 - August 2018*
- Developed automated smoke and regression tests in C# using CodedUI, improving testing time by 40%.
- Built an internal website using HTML, CSS and jQuery, improving time for users to reach necessary files by 15%.
- Organized and ran test automation training for 15 people across multiple teams.

PROJECTS AND COMPETITIONS

- **Vitabu:** Designed and developed a decentralized book borrowing app on Android using Firebase. Managed the task distribution among six team members.
- **Arduino Air Hockey:** Created a game in C++ for the Arduino platform with a realistic physics engine.
- **ICPC 2018 Rocky Mountain Regional Contest:** Placed 23rd out of 64.
- **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 for handling user input in C++.
- **Alberta Collegiate Programming Competition:** Second place in Division 2.

SKILLS

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

LEADERSHIP AND EXTRACURRICULARS

- **UAlberta Scuba Club:** Elected as the Vice President of Information for 2017 - 2018 academic year.
- **Residence Services:** Volunteered as a Peer Tutor in Lister Centre for the 2018 - 2019 academic year.
- **Lambda Chi Alpha Fraternity:** Academic Chair (2018 - 2019), Recruitment Chair (2019 - 2020) and Fraternity Education Officer (2019 - 2020).