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)*
- **Dean's Honor Roll:** For 2017 - 2018, 2018 - 2019 and 2019 - 2020 academic years.

EXPERIENCE

University of Alberta — Edmonton, AB
Undergraduate Teaching Assistant — CMPUT 274 / 275 — *September 2018 - Present*
- Assisted the professor with running the class remotely, coordinating other Teaching Assistants to help students.
- Managed a team of 9 Teaching Assistants, coordinating assignment grading and office hours.
- Developed, checked and graded assignments and other course resources in C++ and Python.

Google — Remote
Software Developer Intern — *May 2020 - August 2020*
- Designed and developed a Kubernetes admission controller that filters out all requests not created by our product.
- Developed a plugin that translates Kubernetes manifests, improving interoperability and integration with 10+ tools.
- Created a testing framework that simplified test creation and increased test coverage of our CLI tools by >30%.

Arista Networks — Vancouver, BC
Software Engineer Intern — *May 2019 - August 2019*
- Adapted old CLI command output method to work asynchronously in C++, improving platform stability at scale.
- Developed a C++ framework to add generic counters to event occurrences, increasing event visibility.
- Redesigned CLI command output using C++, improving command extensibility.

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.

YZER Group — Dubai, UAE
Software Developer Job Shadow — *June 2017 - August 2017*
- Explored development in the Unix environment with Git on BitBucket.
- Learned about the fundamentals of software design, development and best practices.
- Introduced to the basics in relational database management and design.

PROJECTS AND COMPETITIONS

- **Vitabu:** Designed and developed a decentralized book borrowing app on Android using Firebase
- **Nework Traffic Simulator:** Created a network traffic simulator in Python with NumPy.
- **ICPC 2018 Rocky Mountain Regional Contest:** Placed 23rd out of 64.
- **The Name of The Game:** Third place in HackED 2018 hackathon. Wrote the API and parser for user input in C++.
- **Alberta Collegiate Programming Competition 2017:** Second place in Division 2.

SKILLS

Software: *(Proficient):* C/C++, Python, Linux, Git, Kubernetes
(Familiar): Java, Golang, Docker, Android, Google Cloud Platform, NumPy, ANTLR4

LEADERSHIP AND EXTRACURRICULARS

- **Lambda Chi Alpha Fraternity:** President (2020 - Present), Recruitment and Fraternity Education Chair (2018 - 2020).
- **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.