Arseniy Kouzmenkov

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EDUCATION

University of Alberta · Edmonton, AB
BSc Honors in Computing Science · *September 2017 - December 2020 (Expected)*
- **Dean's Honor Roll:** For 2017 - 2018, 2018 - 2019 and 2019 - 2020 academic years.

EXPERIENCE

Google · Remote
Software Developer Intern · *May 2020 - August 2020*
- Surveyed the current Kubernetes configuration management and continuous depoyment tool ecosystem.
- Developed features of a product to improve integration with Kubernetes continuous deployment tools.
- Built prototypes to present the current Kubernetes cluster and configuration management tools to the wider team.

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 occurences, increasing event visibility.
- Redesigned CLI command output using C++, improving command extensibility.

University of Alberta · Edmonton, AB
Undergraduate Teaching Assistant · *September 2018 - April 2020*
- *CMPUT 274/5:* Managed a team of 9 Teaching Assistants, coordinating assignment grading and office hours.
- *CMPUT 274/5:* Developed, checked and graded assignments and other course resources 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.

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, Google Cloud Platform, Android, NumPy, CVXPY

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.