

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*
 - 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.
- University of Alberta** Edmonton, AB
 - Undergraduate Teaching Assistant* *September 2018 - April 2020*
 - CMPT 274/5:* Managed a team of 9 Teaching Assistants, coordinating assignment grading and office hours.
 - CMPT 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
- Network 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.