

# Arseniy Kouzmenkov

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## EDUCATION

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- **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

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- **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 integrates with other Kubernetes configuration tools, improving interoperability 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*
    - *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

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- **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

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

## LEADERSHIP AND EXTRACURRICULARS

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- **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.