

Kieron von Buchstab

Aerospace Engineering Student

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Ottawa, Ontario

Driven and creative aerospace engineering student with a passion for writing and design. Seeking an internship in the entertainment industry to contribute my unique voice and develop my writing skills.

Education

Carleton University, Ottawa, Ontario || Bachelor of Engineering, Aerospace || Class of 2026
Pierre Elliott Trudeau High School, Markham, Ontario || Class of 2021

Publications

Full list of publications available at kieron.ca/pubs

- **von Buchstab, K.**, & Milam, J. (2023). *Commercial off the shelf ground stations for use in rapid testing and innovation of space systems*. 5.
- **von Buchstab, K.**, Jurgutis, A., Lear, A., Jazebizadeh, H., & Burlton, B. (2022, September 2). *The Receipt and Analysis of Weather Data in a Simulated Martian Environment*. International Astronautical Congress 2022.
- Jurgutis, A., Lear, A., Murray, M., **von Buchstab, K.**, Jazebizadeh, H., & Burlton, B. (2022, September 20). *Design, Verification, and Validation of the Communication System of an Undergraduate CubeSat Mission*. International Astronautical Congress

Experience

The Iron Times - Editor in Chief

June 2022 - June 2023

The Iron Times is a comedy newspaper created by the Carleton Student Engineering Society. I was Editor in Chief of this publication for the 2022-2023 school year during which time I overhauled the previous newspaper design.

My tasks and responsibilities:

- Article writing and editing
 - Created, wrote, and edited 6/7 front-page articles published that year
 - Revised submissions from other columnists and provided editorial remarks
 - Wrote a monthly column every month "From the Desk of the Editor"
- Spread and Graphic Design
 - Redesigned the entire newspaper in InDesign to provide a modern rebranding
 - Formatted articles and images to fit in each newspaper spread
 - Designed vector graphics for use in various aspects of the newspaper
- Media and Print Procurement
 - Communicated with artists to procure and licence images
 - Corresponded with newspaper vendor for newspaper procurement

Scholify - Founder & CEO

June 2023 - Present

Scholify is a publishing company focused on publishing research papers for university students however research is accepted from all over. It was started in June 2023 as a way for me to publish my own research papers as an undergraduate student.

My tasks and responsibilities:

- Website design and maintenance
 - Completely designed scholify.ca in Wordpress with a modern look
 - Maintain website with any required updates
 - Manage submissions through the website and upload accepted papers

Carleton Aerospace Astrophysics Radio Club (CA2RC) - Comms Lead & Exec May 2023 - Jan 2024

The Carleton Aerospace Astrophysics Radio Club is a club constructing and launching a small satellite. As a communications lead I am responsible for ensuring that the satellite can communicate with Earth. As a club executive I oversee how the club is run.

My tasks and responsibilities:

- Communication system design
 - Work with communications subteam to determine ideal design
 - Communicate ideas to other subteams and get their insight on issues
- Social media management
 - Edit photos and post to Instagram and Facebook
 - Engage with followers to promote club

Career History

Lockheed Martin - Systems Engineering Intern May 2023 - Present

My tasks and responsibilities:

- Administrative Duties at Vendor Meetings
 - Wrote meeting minutes to track actions, attendees, and meeting summaries.
 - Clearly communicated meeting minutes to appropriate parties, maintaining professional demeanour and ensuring proper classifications.
- Database management
 - Wrote detailed descriptions in JIRA Epics to convey the work breakdown structure.
 - Managed the Risk and Assumptions database by determining and clearly writing updates to current project risks or assumptions.

MyRide901 - Social Media Manager January 2021 - September 2021

My tasks and responsibilities:

- Edited photo, video, and audio content to create engaging posts for Instagram and Facebook.
- Crafted relevant and compelling captions to enhance social media posts and increase audience engagement.
- Analysed social media insights to target and attract various demographics, optimising content strategy for maximum reach and impact.

Interests

- **Writing:** Passionate about comedy writing, with experience crafting scripts and articles that bring humour and wit to various topics. Samples available at kieron.ca/pubs.
- **Design:** Started out doing graphic design for school clubs and eventually scored a job as a Social Media Manager at a tech startup, MyRide901. I'm fluent in the Adobe Creative Suite and I also do web design in CSS and JavaScript.