

Nicholas Richardson

Resume

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Relevant Employment

- June 2022 **Vocal Percussion**, *SING! 2022 Mass Choir Event*, Toronto, Ont.
Fall 2020, 2021 **Teaching Assistant**, *University of Waterloo*, Waterloo, Ont.
Mathematics of Music, AMATH 390
Aug. 2018, 2019 **Actor and Singer**, *University of Waterloo*, Waterloo, Ont.
Orientation Week Musical: *Single & Sexy*

Community Activities

- Sep. 2022 – **UBC A Cappella Club**, *Vancouver, BC*
Present
 - Audio Editor and Mixer (2024–Present)
 - Sound Technician for concerts and workshops (2022–Present)
 - Arranger of The Northwest Collective (2024–Present)

Sep. 2022 – **West Coast Groove**, *Vancouver, BC*
Present
 - Vancouver Beatbox Championships competitor (2023)
 - Beatboxing Community Jams (Sep. 2022–Present)

Sep. 2016 – **UW A Cappella Club**, *Waterloo, ON*
Apr. 2022
 - Audio Editor and Mixer (2021–2022)
 - Chair of UW A Cappella Club (2018–20)
 - Sound Technician for various group's concerts (2018–19)
 - Musical Director & Arranger of The Musical InterDudes (2017–19),
In Full Colour (2019–20)

Oct. 2019 – **Canadian A Cappella Conference**, *Waterloo, ON*
Oct. 2021 Lead organizer and workshop host at annual conference with over 100 singers

Relevant Coursework

- Winter 2021 **Acoustics**, *University of Waterloo*, SYDE 750
Winter 2020 **Computational Audio**, *University of Waterloo*, CS 489
Fall 2019 **Vocal Studio**, *University of Waterloo*, MUSIC 226
Fall 2018 **Vocal Techniques**, *University of Waterloo*, MUSIC 116
Fall 2018 **Mathematics of Music**, *University of Waterloo*, AMATH 390
Mar. 2016 **Advanced Rudiments**, *The Royal Conservatory of Music*
Jun. 2015 **Grade 8 Piano**, *The Royal Conservatory of Music*

Music Software Skills

Ableton Live Suite, Adobe Audition, Audacity, MuseScore, Sibelius

Education

- Sep. 2022 – **Doctor of Philosophy**, *University of British Columbia*, Vancouver, B.C.
(Apr. 2026) Institute of Applied Mathematics, sup. by Michael P. Friedlander
- Sep. 2020 – **Master of Mathematics**, *University of Waterloo*, Waterloo, Ont.
May 2022 *A Sparse Random Feature Model for Signal Decomposition* sup. by Giang Tran
- Sep. 2016 – **Bachelor of Mathematics**, *University of Waterloo*, Waterloo, Ont.
Apr. 2020 Mathematical Physics Major, Pure Mathematics Minor

Select Awards

Vancouver Beatbox Championships

- Aug. 2023 **Top 8**, *Competitor*

University of Waterloo

- Aug. 2020 **K.D. Fryer Gold Medal**, *for extracurricular involvement on campus*
Jan. 2019 **Paul Berg Memorial Award**, *for extracurricular music involvement*

Varsity Vocals

- Feb. 2020 **Outstanding Vocal Percussion**, *In Full Colour*
Feb. 2020 **1st Place, ICCA Quarterfinals**, *In Full Colour*
Feb. 2019 **1st Place, ICCA Quarterfinals**, *In Full Colour*
Feb. 2018 **Outstanding Choreography**, *Musical InterDudes*

Waterloo Undergraduate Student Association

- Mar. 2020 **Club President Award**, *for leadership as UW A Cappella Club Chair*
Mar. 2020 **Best Club Award**, *UW A Cappella Club*
Nov. 2019 **Best Club Initiative**, *5th Annual Canadian A Cappella Conference*

Audio Mixing Discography

- Jul. 2024 **Ascension - EP**, *The Northwest Collective*, UBC A Cappella Club
Apr. 2022 **Human Heart**, *Nicholas Richardson and Erika Kolli*
Dec. 2021 **Who Do You Love**, *ACE*, UW A Cappella Club
Nov. 2021 **Lower Your Expectations**, *The Musical InterDudes*, UW A Cappella Club
Sep. 2021 **Runaway**, *The AcaBellas*, UW A Cappella Club
Aug. 2021 **Pass Me the Jazz**, *Nicholas Richardson et. al.*
Apr. 2021 **I'll Be There**, *Nicholas Richardson and Erika Kolli*
Sep. 2020 **Denim Jacket**, *Nicholas and Sophia Richardson*
Aug. 2020 **The Planets**, *Nicholas Richardson*, 9 song album
May 2020 **Waterloo**, *Nicholas and Sophia Richardson*
Sep. 2016 – **Asymetrix**, *Nicholas Richardson*, 6 song collection
Feb. 2019