

Callixta Fidelia Cahyaningrum

callixta@student.ubc.ca | +1 (778) 686-4954 | [linkedin.com/in/callixta-fidelia-cahyaningrum](https://www.linkedin.com/in/callixta-fidelia-cahyaningrum) | github.com/callixtafidelia

EDUCATION

The University of British Columbia

BSc in Integrated Science (Biology & Statistics Concentration)

Expected Graduation: May 2026

Vancouver, BC

TECHNICAL SKILLS

Web Development: HTML/CSS, JavaScript, React, Next.js, TypeScript, Wix, WordPress

Programming & Databases: Python, Java, R, SQL, GCP, MongoDB, Firebase

Design & Visualization: Figma, Adobe Illustrator, Photoshop, After Effects, Canva, Tableau, Power BI

TECHNICAL PROJECTS

Rebirdth Research Platform | *Next.js, Tailwind CSS, Three.js, React*

Jan 2025 - Present

- Designed and developed a **comprehensive educational platform** for Indonesian students, creating an engaging user interface with **modern web design principles** and clear information architecture to promote research
- Implemented **responsive layouts** and **intuitive navigation** to deliver seamless user experience across devices, effectively communicating complex educational content through thoughtful visual design and typography

Personal Portfolio Website | *Next.js, TypeScript, Three.js, React*

July 2025

- Developed a **modern portfolio website** using **Next.js and TypeScript**, integrating **Three.js** for interactive 3D visualizations that showcase the intersection of statistics, biology, and creative design
- Implemented **React components** with optimized font loading and responsive design, demonstrating advanced frontend development skills while creating an engaging platform to display research projects and technical expertise

Readmap.ai | *Next.js, TypeScript, MongoDB, Python, Vertex AI*

June 2025

- Architected the **complete frontend interface** using **Next.js and TypeScript**, building reusable React components and implementing server-side rendering for optimal performance and SEO
- Integrated **AI-powered features** through API connections to **Google Vertex AI**, managing complex state management and data flow to deliver personalized content with **95% accuracy**

LEADERSHIP & VOLUNTEER EXPERIENCE

Senior Orientation Leader

May 2025 - Present

Vantage College, University of British Columbia

Vancouver, BC

- Facilitated small-group activities and debrief sessions for **180+ Orientation Leader candidates** while leading training programs for **16 Senior Orientation Leaders**, supporting UBC's **largest orientation event** through asset-based evaluation and inclusive facilitation

Undergraduate Research Assistant

Sep 2023 - Apr 2024

Moore Inclusive Conservation Lab, University of British Columbia

Vancouver, BC

- Assisted Dr. Alex Moore in conducting comprehensive **meta-analysis literature review** for wetland restoration project, involving collection and synthesis of research articles from various academic databases

HONORS & AWARDS

Indonesian Government Scholarship Recipient

Sep 2022 - Aug 2026

Ministry of Education, Culture, Research and Technology, Republic of Indonesia

- Awarded a **\$200,000+** scholarship by the Indonesian Ministry of Education to fully support a **4-year B.Sc. at UBC**, covering tuition, living expenses, and academic growth, through a rigorous national selection recognizing **academic excellence and potential for meaningful contributions**.

PUBLICATIONS

Journal Article

Mar 2024 - Jul 2024

Undergraduate Research in Natural and Clinical Science and Technology (URN CST) Journal

- Leovonzko, E., **Cahyaningrum, C. F.**, & Ulwani, R. (2024). The implementation of deep learning algorithm with gaussian blur data preprocessing in circular RNA classification and detection. *Volume 8*(7), 1–10.
<https://doi.org/10.26685/urncst.601>