# Sophie Berger

"Strength Insight Report" (from Gallup / CliftonStrengths): Achiever, Strategic, Learner, Futuristic, Focus

## Contact

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## Skills

**Proficient:** Python, Java, Swift, SwiftUI, Firebase, ARKit, React, HTML, CSS, SQL, Play, Ember
**Familiar:** C, C++, Kotlin, JavaScript, Tensorflow, Numpy, SKLearn, Kafka, Samza

## Education

*University of British Columbia*
*BSc Computer Science*
09/ 2018 – 12/ 2022
+ Master of Management
09/ 2018 – 12/ 2023

- Average = 83.5%, Dean's honor list

## Involvement

**nwPlus Marketing Director.**
05/ 2021 - Present
**nwPlus Engagement Coord.**
04/ 2020 – 05/2021

- Marketing for three hackathons, including Western Canada's largest hackathon ("nwHacks")

**Microsoft Student Partner**
09/2019 - Present

- Held workshops about technology & Microsoft products

## Work Experience

**LinkedIn - Software Engineer Intern**                05/ 2021 – 08/ 2021

- Full-stack engineering intern on the LSS CRM Enablement team
- Added admin email notifications for CRM Sync autodisconnect
- Implemented email front-end using **Stork**, **Dust**, **Flock**, and **Pemberly** & performed i18n and litmus testing
- Designed back-end pipeline for the email campaigns, using **Kafka** and **Samza**

**HCI Undergraduate Researcher**                03/ 2020 – 08/ 2020

- **Grounded-theory research** for technology support systems for elderly during COVID-19
- Supervised by Prof. Dongwook Yoon

**Founding iOS engineer of "Mindstep" startup**                10/ 2019
(https://letsmindstep.com/

- Top 5 health apps on UK app store, Featured on BBC and Sky News
- Front-end development on AI dementia screening iOS app using **Swift/SwiftUI**
- Implemented number recognition OCR dementia test, using **Swift/SwiftUI**
- Validated the collected user data and prepared it for ML use

**Tailored Apps**                05/ 2019 – 07/ 2019
*iOS Software Developer Intern*

- Built proof-of-concept for €30,000 project deal & helped CTO estimate project feasibility/pricing
- Developed **Swift** project to rank images & determine the "best" image
- Converted "Image Assessment" models to **TensorFlow Lite** in **Python**
- Implemented **Firebase** authentication/Cloud Functions
- Added **AR** functionalities & object recognition using **ARKit**

## Selected Projects

**Microsoft Imagine Cup Americas Regional Finalist**                05/ 2019
(devpost.com/software/nekotap) (bit.ly/imaginenekotap)

- In top 12 teams out 30,000+ participants & Presented at Microsoft Build
- 1st place at *Western Canada's largest Hackathon (1000+ participants)*
- Android app for improved drug adherence using **NFC** technology
- Designed accessibility animations using Lottie library, implemented Android front-end using **Java**

**"Central: Parking Search"**                05/2020
*Published iOS app in Apple App Store*
(https://apple.co/2WixQEL)

- Featured 1500+ times in "Navigation" category & Ranked 87th best "Navigation" app in Austria
- Built with **Swift/SwiftUI**, **MapKit** & **CoreLocation**