LINDSEY JIN

4A Software Engineering Student

✉ lindseyjinlj@gmail.com
github.com/lindseyjin
linkedin.com/in/lindsey-jin
📞 647 546 2998

WORK EXPERIENCE

Facebook | Software Engineering Intern
Jan 2021 - Apr 2021

- Added new user-interactive features to Facebook Watch to increase user control and agency, driving up video watch time by **4.5%** — a projected **7M minutes/day**
- Created a new daily scheduled notification to path more users to Watch, increasing visits to the Saved Videos page by over **200%**
- Built a news feed component to show users the most important/popular videos of the day, projected to bring ~**450K users** to Facebook Watch

PagerDuty | Software Engineering Intern
May 2020 - Aug 2020

- Created a **Kafka** consumer application in **Elixir** to ingest incident creation events, processing an average of **800 messages per minute** across multiple partitions
- Logged key consumer metrics to **Datadog** dashboards and set up automated monitors through **Terraform** to send alerts in cases of high latency
- Wrote **Elixir** Task to regularly cleanup old resolved incidents from **Elasticsearch**, deleting **thousands of incidents** across customer accounts every ~**10 minutes**

Ritual | Backend Software Engineer
Sep 2019 - Dec 2019

- Consolidated all referral landing pages into one page by re-implementing **MVC** components in **Java**, leading to an increase in user sign-up rate by **7%**
- Built web page in **React** for marketing campaign validation tool, and defined new **protocol buffers** and interfaces for transferring data between applications
- Winner (Top 4 out of 16) at the Ritual Hackathon for Ritual Rewind: an animated website that showcases a user's order history and trends over the past year

Genesys | Fullstack Development Intern
Jan 2019 - Apr 2019

- Migrated legacy back-end REST API for fetching business data from **PHP** to **Node.js** and integrated **Redis** caching, improving runtime by **80%**
- Improved existing prototype in **AngularJS** for graphically building voice applications by adding a call history tracer and different editing modes
- Created UI dashboard with **Vue.js** to demo team's sentiment analysis microservice, winning **1st place** out of 9 teams in company-wide hackathon

Validus Research Inc | Application Developer
May 2018 - Aug 2018

- Developed website using **Flask** and **Vue.js** for analysts to access currency records
- Automated ~**70%** of the direct insurance process by creating a **Flask** application to populate Excel sheets, as well as a dashboard to track the status of ongoing tasks

PROJECTS

Lift | Winner at Hack the North 2018
Sep 2018

- Created a **Fitbit** app that tracks a user's workout progress by counting repetitions using the watch's built-in accelerometer
- Created **Vue.js** dashboard to visualize biometrics in real-time during a workout

SKILLS

Languages
C++, Python, Java, JavaScript, Elixir, PHP, HTML/CSS, SQL

Frameworks & Tools
React, Vue.js, Kafka, Docker, Elasticsearch, AngularJS, Node.js, Git

EDUCATION

University of Waterloo
Sep 2017 - Apr 2022

Bachelor of Software Engineering

Cumulative GPA: 89.5%

National University of Singapore
Jan 2020 - Apr 2020

3A Exchange Term

AWARDS

Ritual Hackathon Honourable Mention
2019

Genesys Innovation World Cup Winner
2019

Winner at Hack the North
2018

Best Use of ConsenSys API at Hack the Valley 2
2018

Dean's Honours List
2017, 2018, 2020