



JAE HYEOK YANG

SOFTWARE ENGINEER

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PROFILE

Passionate about creating opportunities and impacting society through software.

I am a full-stack Software Engineer experienced in Object-Oriented programming and software design.

Feel free to ask me anything!

EDUCATION

Rochester Institute of Technology	B.S. Software Engineering	May 2021	3.59/4.0
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WORK EXPERIENCE

Facebook Software Engineer Co-op

May 2020 - Aug 2020

Worked with the Facebook Stories team to improve logging and session management.

Highlights: Migrated to a modern client logging framework to ensure strongly-typed event fields.

Refactored Stories Session ID lifecycle to assert higher accuracy exposure metrics.

Datto Software Engineer Co-op

Jan 2020 - May 2020

Worked with the Router & Switches team to improve switch development

Highlights: Developed job ingestion pipeline for switches. Developed custom switch configs from that was configurable by a end-user. Improved user interaction with online cloud websites.

Facebook Software Engineer Co-op

May 2019 - Aug 2019

Worked with the DevInfra team to improve developer workflow, efficiency and data management.

Highlights: Migrated/modernized file generation for data pipeline use down to 15s from 5 mins. Added metadata to code generation for easier traceability, debugging and blame. Improved version control for developers to pull from the latest/most efficient revisions. Created webpage component for VCS status and dashboards for internal tools.

FujiFilm Software Engineer Co-op

May 2018 - Jan 2019

Responsible for further developing the FujiFilm commerce website and iOS/Android Kiosk Photo Transfer/GetPix apps.

Highlights: Developed front-end and UI for Adobe Elements & Apple extension integration with the kiosk SDK.

Implemented Crashlytics scraping for iOS/Android users. Incorporated deeplinking from push notifications for iOS/Android. Set up Core Data relational database for iOS.

PROJECTS

Airline Flight Reservation

March 2018

Problem: Design a system for providing flight information, making, storing, and deleting reservations.

Solution: Created a GUI and command line interface for client queries. Allows user to switch from local connection to FAA API web service to create and reserve itineraries. Responsible for Lead Developer role, software architecture design patterns, itinerary creation algorithm, command line queries, and retrieving/parsing/storing queries to FAA API's.

PROFICIENCIES

Java	Hack
Python	Swift
JavaScript	HTML/CSS
Obj-C	Rock Climbing

LEADERSHIP

Programs Chair - **Society of Asian Scientists & Engineers**
Google Student Innovator - **VACO (Contractor)**
President - **Shenedehowa Leo Club**
Resource Assistant - **RIT Wallace Library**