Toronto, Canada
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Daniil Oliynyk

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Android Software Engineer with 3+ years of AOSP experience, building and maintaining SDKs, services and automated test systems.

Education

- **Honours B.Sc. Computer Science,** University of Toronto **2017–2022**

Work Experience

Android Software Engineer **General Motors** **2023–Present**
Connectivity & Device Management Team Toronto, Canada

- Core contributor on GM's **Android Platform Connectivity** team, responsible for building out **Android services, SDKs and APIs** used across multiple products and device configurations.
- Implemented **OpenTelemetry** framework into services, enabling deep visibility into system performance and stability.
- Authored a comprehensive design document outlining **Java** API methods and defining key metrics, logs, events, and traces to improve system monitoring and debugging.
- Deployed **JUnit, Mockito/Powermock frameworks** and integrated it into **SonarQube**, enabling continuous quality enforcement.
- Increased unit test coverage from 0% to 90%, dramatically improving release confidence and regression detection.
- Built an **Android** testing app to automate multi-device connect/disconnect events for CarPlay and Android Auto validation, reducing total dependency on heavy automated test frameworks, **thus cutting hardware costs by ~$2,500 per developer.**
- Built a full-stack internal analytics platform (**React, Flask, MongoDB**) to visualize performance and regression test results and metrics at scale
- Triaged and resolved high severity production defects, improving platform stability and reducing recurring incidents.

Computer Science Teaching Assistant **University of Toronto** **2021–2022**
Toronto, Ontario

- Delivered weekly tutorials on **software engineering fundamentals**, including **design patterns, agile methodologies, requirements elicitation, estimation, and task prioritization**.
- Explained technical topics such as RESTful APIs, microservices, MVC, MVVM in a clear manner to help students build practical and industry relevant skills
- Led hands-on sessions with **Docker, dependency injection (Dagger), Neo4j, MongoDB, PostgreSQL**, helping students gain real-world, industry-relevant experience.
- Mentored students on debugging, performance optimization, and clean **Java** code practices

Software Engineering Intern **Aviat Networks** **2020–2021**
Markham, Ontario

- Developed performance critical C++ networking software supporting private LTE infrastructure.
- Implemented time synchronization across distributed systems (GPS/NTP/PTP), improving accuracy and system stability.
- Built diagnostic tooling that reduced manual hardware setup time and improved engineering productivity

Technologies and Languages

- Languages: Java, C, C++, Python, Kotlin, Go, TypeScript
- Technologies: AWS, Android, React Native, Expo, Docker, Node, MongoDB, Cassandra, PostgreSQL, Redis, Mockito