

# GRIGOR SARGSYAN



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<https://ggsargsyan.github.io>

## Summary

Responsible for software engineering of the Intuit QuickBooks Online Payroll (QBOP) Workforce (WF) product across US, UK, and Canada with 11 million active monthly users.

## Experience



### Software Engineer

Intuit

Jan 2021 - Present (2 years 7 months)

- Grew Workforce by 900K new users by reinventing the Self-Signup Invitation experience, empowering employees with the freedom to access their finances without the need for employer action.
- Applied Generative AI to prototype a paycheck estimator using ChatGPT LLM, LangChain, prompt engineering, and python.
- Automated the CI/CD Jenkins testing using Java and the Cypress testing framework, saving 100s of engineering hours within the first year.
- Collaborated with Data Scientists and Product Managers to add metrics tracking, create Splunk Dashboards, and conduct A/B testing experimentation for QuickBooks Payroll.
- Launched dozens of frontend adoption features from scratch in anticipation for the release of the Thrive Mobile App using React, TypeScript, GraphQL, Jest, and styled-components.



### Software Engineer

Northrop Grumman

Jun 2017 - Jan 2021 (3 years 8 months)

- Built a multi-threaded Ignition Safety Device simulator in C# and C++ for testing the hardware of a real next generation missile used by NATO.
- Automated the expansion of telemetry memory maps and databases on the Byte level using Python.
- Optimized OracleDB transaction performance by 8% and eliminated redundancies in agile workflow.
- Hands on experience with distributed systems, Virtual Machines, and private cloud servers.

## Education



### UC San Diego

BS, Mathematics – Computer Science

2015 - 2017



### Lewis University

MS, Data Science

2019 - 2021