

DUANE IRVIN

Computer Engineer & Fullstack Developer

+46 73-464 69 69 @ irvin93d@gmail.com Gothenburg, Sweden

irvin93d.github.io

linkedin.com/in/duane-irvin



PROFILE

- Skilled in a variety of different programming languages and platforms. Development with unfamiliar programming languages or frameworks is no longer seen as an obstacle.
- Deep understanding of programming and algorithm theory. Applies knowledge to write readable, testable and type-safe code, with efficient use of resources and determinism for concurrency.
- Fluent in Swedish and English.

EDUCATION

M.Sc. in Computer Science

(Algorithms, Programming Languages & Logic)

Chalmers University of Technology

Aug 2019 - Jun 2022

Gothenburg, Sweden

B.Sc. in Computer Engineering

Chalmers University of Technology

Aug 2014 - Jun 2018

Gothenburg, Sweden

B.Sc. in Computer Science

CA Polytechnic State University

Sep 2016 - Jun 2017 (Exchange year)

San Luis Obispo, CA, USA

PROGRAMMING SKILLS

Deep understanding

React Native, React, Next.js, TS, Go

Intermediate understanding

Swift/ObjC (iOS), Java/Kotlin (Android), CI (Jenkins, GH-actions, AWS), Bash, SQL, Haskell, LaTeX, Erlang, GraphQL, MongoDB

Basic understanding

Docker, Python, R, C/C++

RELEVANT WORK EXPERIENCE

React Web Developer - GXC by Opera

Opera Software - May 2021 - Current Gothenburg, Sweden

A platform for fast and free publishing of games made in GameMaker Studio.

- Dynamic/static web pages with next.js/CRA,
- Async data management with react-query,
- Styling with styled-components and SASS.

React Native App Developer - Dify by Opera

Opera Software - Jun 2020 - May 2021 Gothenburg, Sweden

A fintech product with support for virtual payment cards, biometrics authentication, in-app cashback and push notifications.

- Bridging of native components from iOS (Swift/ObjC),
- State management with Redux,
- Push notifications with Firebase,
- e2e testing with Detox.

iOS Developer - Opera Fintech

Opera Software - Oct 2019 - Jun 2020 Gothenburg, Sweden

Prototypes in fresh codebases and maintenance/bug fixing in a highly outdated and complex legacy app.

- Dependency management with CocoaPods,
- UI both with Storyboard and fully programmatic.

Go Backend Developer - OPay

Opera Software - June 2018 - November 2018 Gothenburg, Sweden

Common financial service for banking, utility payments, transactions and savings.

- Go, MongoDB, GraphQL,
- Testing and automation utilities.

References available upon request