DUANE IRVIN

Computer Engineer & Fullstack Developer

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🎵 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 2021
📍 Gothenburg, Sweden

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B.Sc. in Computer Engineering
Chalmers University of Technology
📅 Aug 2014 - Jun 2018
📍 Gothenburg, Sweden

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B.Sc. in Computer Science
CA Polytechnic State University
📅 Sep 2016 - Jun 2017 (Exchange year)
📍 San Luis Obispo, CA, USA

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PROGRAMMING SKILLS

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

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

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Basic understanding
Docker, Python, R, C/C++

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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.

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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.

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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.

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Go Backend Developer - OPay
Opera Software - 📅 2017 📍 Gothenburg, Sweden

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

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

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References available upon request