

Konrad Kleczkowski

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SKILLS

Languages:

Haskell, F#, Scala, OCaml
Java 12, Kotlin, C++, C#,
Python 3

Tools:

stack, cabal, Git, SVN,
sbt, dune, Maven, Gradle

LANGUAGES

Native fluency:

Polish

Advanced:

English

Intermediate:

German

COURSEWORK

Functional Programming
Category Theory
Compiler Design
Computer Architecture
Operating Systems
Low-Level Programming
Data Compression
Algorithms
Data Structures
OOP
Distributed Algorithms

INTERESTS

Volleyball
Music Production
Compiler Design
Computer Architecture
Operating Systems
Category Theory
Functional Programming

WORK EXPERIENCE

Standard Chartered

Haskell Developer

Jan 2019 – now

Warsaw, Poland

- I'm working with reporting software that generates regulatory reports for various counties.

Intel Technology

Software Engineer Intern

Jul 2019 – Sep 2019

Gdańsk, Poland

- I was working on graphics drivers for Intel Idris graphic chips developing testing software and benchmarks. Main programming languages that I've used are C++, Python and TypeScript.
- I learnt about low-level programming, using internal, proprietary software. I've developed instruction decoder for new generation of Intel processors.

Bright IT

Software Engineer Intern

Jul 2018 – Sep 2018

Wrocław, Poland

- I was responsible for research and developing of a domain-specific language for creating CMS components, using metaprogramming techniques in Scala. That solution improved testing and consistency of component definitions, that used to be written in YAML.
- I was working in Scrum and I learnt Agile methodology, TDD and clean code principles.

EDUCATION

B. Eng., Computer Science

Wrocław University of Science and Technology

Oct 2016 – Jan 2020

Wrocław, Poland

PROJECTS

AC-Haskell

The project of arithmetic encoder written in Haskell as a part of my thesis. Main goal of this project was writing a streaming algorithm in efficient way using only functional programming techniques in Haskell.