KONSTANTIN SIMEONOV

Software dev and haskell/linux hobbyist

📱 +359 885 032 502

✉ kon.simeonov@protonmail.com

📍 Sofia, Bulgaria

🐙 https://github.com/KonstantinSimeonov

A few words about me

Currently busy with mentoring 3 people, solving algorithmic problems in PSQL (yeah, it's as terrible and fun as it sounds) and making coursera.org faster

🧪 WORK EXPERIENCE

Software Developer
📅 January 2020 - ongoing @ **Coursera**

- Participating in the development of rhyme.com, which provides students with an interactive studying environment directly in their browser, completed with audio/video calls, video instructions and remote desktop connections

- Having an awesome time exploring typescript and applying functional programming concepts in a react web app

- Fighting hard to reduce complexity and improve stability by applying property-based testing, publishing typescript definitions for untyped libraries, setting up code coverage and automated dependency updates, simplifying the build processes and more

Scala Developer
📅 July 2019 - January 2020 @ **Pontica Solutions Ltd**

- Worked on a distributed email scheduling system leveraging the Akka framework and Apache Kafka

- Took part in implementing email statistics using Apache Spark and Apache Kafka

- Ensured code correctness by combining functional programming paradigms and automated testing with tools like ScalaTest and ScalaCheck

JavaScript Developer
📅 April 2017 - July 2019 @ **Chaosgroup**

- Took part in NeUI desktop app development, which provides a cross-platform UI for interacting with V-Ray integrations for products like SketchUp and Rhino

- Built dynamic user interfaces using Electron, React, Mobx and Altjs

- Had fun setting up testing environments with Mocha/Ava and Chai, implementing build processes with Webpack and Fuse-box, doing CI/CD with Jenkins and Gitlab for apps and libraries and ensuring code quality with Eslint, Flow and Typescript

Technical Trainer
📅 December 2015 - January 2017 @ **Telerik Academy**

- Delivered lectures that reached more than 2000 students and helped them create their first web applications and dive into web development with C#, HTML, CSS and JavaScript

- Experienced firsthand how important keeping deadlines is, became better at taking responsibilities and honed organizational skills

📚 EDUCATION

Web Development
@ Telerik Academy
📅 January 2015 - March 2016
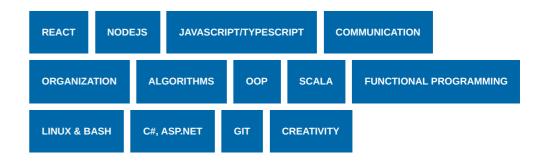🔗 https://telerikacademy.com/Certificates/View/1980/6b7b6f44

Bachelor in Software Engineering (not completed)
@ FMI, Sofia University 'St. Kliment Ohridski'
📅 October 2013 - January 2015

🛠 SKILLS

REACT	NODEJS	JAVASCRIPT/TYPESCRIPT	COMMUNICATION
ORGANIZATION	ALGORITHMS	OOP	SCALA	FUNCTIONAL PROGRAMMING
LINUX & BASH	C#, ASP.NET	GIT	CREATIVITY

❤ STRENGTHS

CURIOSITY
From algorithms to UX to how the product I'm building fits the market, curiosity has always driven me to understand every aspect of my work as deep as possible and draw benefits from that understanding.

HOLLISTIC OWNERSHIP
Participating in different stages of a features lifecycle (requirements gathering, design, development, testing, monitoring, documentation) is a way for me to engage more with the product, show off my craftsmanship and help drive the team goals forward.

</> PROJECTS

tsx-control-statements
🔗 https://github.com/KonstantinSimeonov/tsx-control-statements

Typescript compiler plugin that adds control flow elements to jsx.

guacamole-client typedefs
🔗 https://github.com/DefinitelyTyped/DefinitelyTyped/pull/45949

Typescript library definitions for apache guacamole-client library which is used at Coursera.

tsfck
🔗 https://github.com/KonstantinSimeonov/tsfck

Pure compile-time implementation of various fun programs (fibs, primes, string ops) using typescript type language. Not a single line of runtime code! Apparently that's what happens when you read too much of Aphyr's blogs.

funsusoticksass
🔗 https://github.com/KonstantinSimeonov/funsusoticksass

Aggregate and author programming problems which have local tests so programming beginners can practice on their local environments (and so I get to write haskell).

💬 LANGUAGES

ENGLISH *Proficient*

GERMAN *Advanced*