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WORK EXPERIENCE

EMPLOYER	CodeControl GmbH for smava GmbH	Zagreb, Croatia (remote)
PERIOD	November 2018 — January 2019 (3 months)	Berlin, Germany
JOB TITLE	Back-end Software Engineer (full-time)	
As part of CodeControl's specialist project team, I worked on the Spring-powered back-end of smava's new consumer loan product. My main responsibility was implementing complex business rules, building the API for the mobile apps and integrating the solution with solarisBank.		
EMPLOYER	Google Switzerland GmbH	Zürich, Switzerland
PERIOD	July 2018 — October 2018 (3.5 months)	
JOB TITLE	Site Reliability Engineering Intern, Google Docs (full-time, internship)	
Designed and developed an internal validation and testing framework for Google Docs, Sheets, Presentations and Drawings documents to improve the consistency and reliability of Docs.		
EMPLOYER	Myosotis GmbH	Zagreb, Croatia (remote)
PERIOD	January 2018 — June 2018 (6 months)	
JOB TITLE	Software Engineering consultant (part-time)	
Assisted the Myo team in modernising their back-end stack and migrating their development team from a consulting agency to an in-house team by helping hire an in-house CTO. I also built the basics of their new back-end for their mobile applications with Spring and Kotlin.		
EMPLOYER	Google UK Ltd	London, United Kingdom
PERIOD	July 2017 — September 2017 (3 months)	
JOB TITLE	Software Engineering Intern, Android UI Toolkit (full-time, internship)	
Implemented the user-facing animation for the Smart Text Select feature in Android Pie. The feature was integrated into the very core of the Android framework by contributing to low-level components such as TextView and is now a part of the Android Open Source Project.		
EMPLOYER	JustUpped	Zagreb, Croatia (remote)
PERIOD	January 2017 — June 2017 (6 months)	Munich, Germany
JOB TITLE	Android Team Lead (full-time)	
Architected and worked on the Android client for a new real-time social network and helped interview, hire and onboard three new members as well as provide them with technical guidance.		
EMPLOYER	Microsoft Ireland Research	Dublin, Ireland
PERIOD	July 2016 — October 2016 (3 months)	
JOB TITLE	Software Engineering Intern, Office Marketplace Experience (full-time, internship)	
Supported the migration between two build systems and two version control systems by making sure existing test automation continued to work by analysing, debugging, fixing and improving existing solutions and streamlining them as part of a continuous integration cycle.		
EMPLOYER	CROZ d.o.o.	Zagreb, Croatia
PERIOD	June 2012 — June 2016 (4 years)	
JOB TITLE	Software, tools, architecture and integration consultant (part-time)	
Part-time software developer designing and working on various mobile, web and back-end solutions. Projects ranged from simple mobile applications to complex enterprise systems for key customers, including banks and telecoms. My responsibilities included software design, development, and integration, on-site customer consulting as well as leading, educating, and mentoring smaller teams.		
EMPLOYER	Partners in Enterprise Ltd	Zagreb, Croatia (remote)
PERIOD	September 2011 — October 2015 (4 years)	London, United Kingdom
JOB TITLE	Technology Partner (part-time)	
Provided technical expertise in evaluating, estimating, architecting, building and maintaining white label projects for Android, iOS, BlackBerry 10 and the web in the broadcasting industry.		

DEGREE	Master of Science in Computer Science (pursuing, expected July 2019)	
FOCUS	Distributed systems and load forecasting	
UNIVERSITY	Faculty of Electrical Engineering and Computing, University of Zagreb	
Select courses	Artificial Intelligence (34285) Distributed Big Data Processing (147660) Advanced Algorithms and Data Structures (34395) Fuzzy, Evolutionary and Neuro-computing (34475)	Distributed Systems (34456) Analysis of massive data sets (147658) Formal Methods in System Design (34401) Heuristic Optimization Methods (72561)
DEGREE	Bachelor of Science in Computer Science (graduated July 2017)	
UNIVERSITY	Faculty of Electrical Engineering and Computing, University of Zagreb	
THESIS	Secure and Scalable Remote Execution of Students' Programming Assignments	
Electives	PHP Application Development Basics (58312) Web project development (IZRWEB) Programming in Haskell (127252) Introduction to Java programming language (38047)	Basic Use of Linux (86495) Advanced Use of Linux (86484) Competitive programming (65973)

SELECT PROJECTS AND TALKS

STEM Games 2018

Participated in the organisation of the 2018 STEM Games held in Poreč, Croatia. I was part of the team that organised the Technology Arena, an interactive software engineering competition for students of various backgrounds. For the competition platform, I built the front-end using a modern stack based on Vue, Pug, SASS and PhoenixJS, and I integrated the front-end with the Elixir/Phoenix-based back-end.

Madison.hr

Madison is a public relations agency based in Zagreb, Croatia. I was part of the team that built their new website, building the front-end part of a modern Ruby on Rails application which allows the team to perform edits to the site in real-time using an intuitive WYSIWYG approach implemented with Phrasing.

Sumirra

Sumirra was a startup which allowed Croatian students to see an aggregation of their student incomes and their tax obligations, helping them and their parents avoid hefty tax back payments caused by unclear taxation laws. As part of the core team, using Kotlin and Spring, I built the back-end services which scraped and aggregated income data. Sumirra won the 2017 App Start Contest and was a part of SPOCK, a startup incubator. Sumirra gained a lot of support and following, but work was ultimately halted due to a lack of institutional support.

European Universities Games 2016 Mobile Applications

I was part of the team that built the mobile companion apps for the European Universities Games held in Zagreb, Croatia. My responsibilities included architecting, developing and supporting the native Android application written in Kotlin, as well as integrating our back-end solution with the official EUG website.

Tour of Croatia 2016 Mobile Applications

Led the team of 4 that developed the native iOS and Android companion applications for the Tour of Croatia 2016. My responsibilities included designing the API which powered the apps, designing the application flows and architecting and developing the Android application, written in Kotlin.

American Express MyAccount

Led the team of 5 that developed the Android and Windows Phone versions of the MyAccount mobile application using Sencha Touch and Apache Cordova.

The highs and lows of Android app development with Xtend

Held a talk on the first Croatian droidcon (an international conference on Android development) about my experiences with developing Android applications with Xtend - an alternative language for developing on the JVM.

COMPETITIONS AND AWARDS

Palantir Zagreb Extreme Start-up	1 st place	App Start Contest 2017	1 st place
Elektrijada 2017, Informatics (team)	2 nd place	Agrokor "Inovacijom do poslovne prilike"	1 st place
Copenhacks 2016	1 st place	Elektrijada 2016, Informatics (team)	1 st place
LC Code Challenge	1 st place	Telegram BlackBerry 10 contest	2 nd place
Elektrijada 2015, Informatics (team)	2 nd place	Best Code Challenge 2014	4 th place
mStart Hacktition	2 nd place	BlackBerry 10 Limited Edition	recipient
App Start Contest 2013	Finalist	VIP Android Challenge	5 th place
CROZ Codequest	1 st place	English, national competition	2 nd place
Informatics, national competition	2 nd place		