

Nikolai Killer

Curriculum Vitae

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Personal Profile

Date of birth: 04.02.1997
Place of birth: Freiburg
Nationality: German

Education

- 04/2023 - 09/2025 **Master of Science, Computer Science**
University of Applied Science, Darmstadt
- 10/2019 - 09/2022 **Bachelor of Science, Computer Science,** GPA: 1.5
University of Konstanz
Thesis Title: *Resource Constrained Regular s-t Path Enumeration*
Thesis Grade: 1.0
- 10/2016 - 09/2022 **Bachelor of Science, Sports Science,** GPA: 1.8
University of Konstanz
Thesis Title: *Automatic Classification of Cross-Country Skating Gears using the Attractor-Method*
Thesis Grade: 1.0
Published as Preprint: <https://doi.org/10.31219/osf.io/anx4y>
- 09/2015 - 08/2016 **Voluntary service**
Interkulturelles Kinder und Familienzentrum, Freiburg
- 09/2007 - 08/2015 **Upper secondary school,** GPA: 2.1
Staudinger-Gesamtschule, Freiburg
Abitur (equivalent to A level)

Work Experience

- 02/2023 - now **Software Engineer, SVA System Vertrieb Alexander GmbH**
 - Dual student in the Master Program
 - Full-Stack development including Vue and .NET in the Azure Cloud in student projects
- 07/2022 - 01/2023 **App Developer, Killer & Co**
 - Founder of my own small business Killer & Co
 - Developing a Flutter app for ergonomic purposes on behalf of *Bewegungswerke Bodensee* using Google's Machine Learning Kit
- 12/2020 - 12/2022 **Android Developer, Inui GmbH**
 - Working student as Software Developer in a newly founded start-up
 - Responsible for Android app development: *EcoNation* (Available in Google Play Store)
 - Full-Stack development using Firebase and Angular

- 07/2020 - 01/2023 **Software Developer, *Impact***
 - Co-founder of the non-profit organization *Impact*
 - Our goal is to develop a platform for the exchange of volunteer services
 - Developing a Full-Stack app using Flutter, NestJS and PostgreSQL
 - CI/CD integration with Gitlab Pipelines for backend deployment

- 04/2021 - 09/2022 **Data Analyst, *University of Konstanz***
 - Student assistant for Prof. Dr. Gruber/Dr. Weich in the sports science department
 - Analysis of acceleration data using Matlab, Python and R
 - Development of a Flutter app for the conduct of studies on boredom in sports
 - Development of a Kivy/Python app for measuring and analysing acceleration data of cross-country skiers using bluetooth-sensors
 - Development of an Android app to enable outdoor acceleration data analysis

- 10/2017 - 02/2018 **Software Developer, *FirlefanZ***
 - As personal project I built a application to help a small business *FirlefanZ* do its yearly inventory
 - Development of a minor plain Java server and a website using HTML, Javascript and CSS

- 10/2017 - 03/2020 **Tutor, *Social And Youth Welfare Office***
 - Pedagogic tutoring of students (10 - 16 years old) in all school subjects

Technical Skills

Tools

Android Studio, Git, Eclipse, MS Visual Studio, SVN, Docker, Firebase, Flutter, NestJS, Angular


Languages

Dart, Kotlin, Java, R, Matlab, Python, JavaScript, TypeScript, HTML, CSS, C, SQL

Softskills

Problem Solving	Communication	Teamwork	Flexibility
Self-Management	Versatile	Curiosity	

Additional Interests

-  Tabletennis
  Cyber-Security
  Kickboxing
  Video Games
-  Board Games
  Chess