# Nikolai Killer

Curriculum Vitae

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GPA: 1.5

GPA: 1.8

GPA: 2.1

Personal Profile

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

Education

Master of Science, Computer Science 04/2023 - 09/2025

University of Applied Science, Darmstadt

10/2019 - 09/2022Bachelor of Science, Computer Science,

University of Konstanz

Thesis Title: Resource Constrained Regular s-t Path Enumeration

Thesis Grade: 1.0

10/2016 - 09/2022Bachelor of Science, Sports Science,

> 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,

> Staudinger-Gesamtschule, Freiburg Abitur (equivalent to A level)

Work Experience

Software Engineer, SVA System Vertrieb Alexander GmbH 02/2023 - now

• Dual student in the Master Program

o 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 - 12/2022Android 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/Phyton 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
- o 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

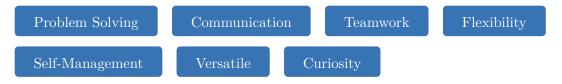
#### Tools

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



#### Additional Interests

