

Aleksei Velsh

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PERSONAL INFORMATION

- **Date of Birth:** 23.04.1997 **Marital Status:** Single
- **Address:** Mühlgasse 9a , 85748 Garching b. München

EDUCATION

- **Technical University of Munich** Munich, Germany
B.Sc.in Computer Science (Application subject: Business Management) 10.2020-09.2024
Thesis: TwoQubitDepth-Optimal Synthesis of Clifford Circuits with SAT Solvers (QC)
- **German courses at the University of Munich e.V.** Munich, Germany
Acquisition of the German languages in courses (A1-C1) 09.2019-08.2020
Intensive language courses
- **Novosibirsk State Technical University** Novosibirsk, Russia
Bachelor's degree in "Applied Information Systems and Technologies" 09.2015-06.2019
Honours Degree

EXPERIENCE

- **Siemens AG** www.siemens.com
Cloud-based Fullstack Developer since 03.2023
Backend and Frontend Dev. based on Angular, NodeJS and AWS.
- **Adesso SE** www.adesso.de
Software Engineer since 01.2022
Backend and Frontend Dev. based on Angular, React/React Native, Spring Frameworks.
- **British accounting and advisory firm**
Ernst & Young (Branch in Novosibirsk) www.ey.com
Internship in the auditing department 10.2018-06.2019
 - **Analytics:** Statistical data collection and analysis
 - **Development:** Development of algorithms for data analysis

PROJECTS

- **Development of a cloud solution for product master data (PMD)**
Fullstack Cloud Developer, Siemens AG since 03.2023
Technology stack: Angular, NodeJS, AWS
- **Development of a Cross-Platform App for the Adesini portal** Adesso SE
Mobile fullstack developer 09.2022-02.2023
Technology stack: React/React Native + SpringBoot, Jenkins, Docker. Date of Release: 09.2023
- **Development of a web portal for employees' children** www.adessini.de
Fullstack Developer, Adesso SE 01.2022-08.2022
Technology stack: Angular/SpringBoot, Progressive Web App(PWA), Docker, Jenkins.

PROGRAMMING SKILLS

- **Languages:** Java, TS/JS, HTML5/CSS, C/C++, Python, SQL, OCaml, ASM, VHDL, VBA
- **Frameworks:** Angular, React/React Native, Spring, NodeJS
- **Amazon Web Services (AWS):** DynamoDB, S3, CloudFront, Lambda, EPS, SecretsManager
- **Relevant Theoretical skills:** Alg. and Data Structure, Discrete Math., Databases, Operating Systems, Networks, Func. programming, PM
- **Advanced:** LaTeX, MS Excel, MS Word, MS PowerPoint

ADDITIONAL INFORMATION

- **Languages:** Russian: native language, German: C2, English: C1.
- **Exchange program:** Work and Travel USA 2018
- **Hobbies:** Football, Chess, Travel

05.2018-10.2018