

STEFAN SU

✉ soupwaylee@gmail.com · in stfnsu

EDUCATION

Technische Universität München, Germany

Oct 2015 - Present

2nd year B.Sc. in Informatics at the Department of Informatics.

Technische Universität München, Germany

Oct 2012 - Sept 2015

Acquired B.Sc. in Chemical Engineering at the Department of Chemistry.

EXPERIENCE

Soley GmbH

Jun 2016 - May 2017

Working Student in Software Development

Munich, Germany

- Supporting a team of two software engineers with daily code maintenance.
- Extended the ANTLR parser for the GrGen.NET graph transformation language.
- Improved the functionality of code autocompletion of the IDE to increase productivity of over 50 client users using C# and .NET Framework.

Infineon Technologies AG

Mar 2015 - Aug 2015

Working Student

Neubiberg, Germany

- Implemented and improved an UI for analysis and interpretation of Transmission Line Pulse measurement results with MATLAB that improved the efficiency of a team of 10 people.

PROJECTS

Randomized Kinodynamic Planning

May 2017 - Aug 2017

- Research and assessment of rapidly exploring random tree (RRT) algorithms for an autonomous road vehicle.
- Implementation of an RRT algorithm in Python utilizing the CommonRoad framework that provides traffic scenarios and vehicle models.

Verleihtool

Mar 2017 - Apr 2017

- Implemented an inventory web application for the departmental student council using the Django framework.
- Enables categorization, inventory and renting of tools and equipments for various scales of usage and events.

SKILLS

Programming

Java, Python, C#, C, Matlab, OCaml

Tools

Git, TFVC, SVN, Vim

EXTRACURRICULAR ACTIVITIES

TUM: Departmental Student Council of MPI

Jul 2016 - Present

SET Speaker

Munich, Germany

- Organizing the Bachelor's and Master's freshman study introductory days (SET) for the upcoming terms.
- Managing the tasks for the tutors, handling email traffic and organizational questions and also briefing and coordinating the tutors on-site

TUM: Junge Akademie - Buddies for Refugees Program

Sept 2016 - Apr 2017

Buddy for Program Attendee

Munich, Germany

- The program targets refugees who didn't manage to finish their studies in their country of origin and enables them to attend and complete course modules of their subject and choice.
- Bonding with a former Mathematics student from Syria, providing advice for facing challenges with e.g. studies, living in Munich and the German language.
- Managed to achieve acknowledgement of his high school degree meeting the formal requirements for an undergraduate degree at an officially recognized university in Germany.