

Felix FEBRIAN

B.Sc. Chemical Engineering | Technische Universität Berlin

 [linkedin.com/in/felix-febrian](https://www.linkedin.com/in/felix-febrian)

 github.com/FelixFebrian

 +49 173 3676625  f.febrian@campus.tu-berlin.de



EDUCATION

today October 2019	Master Energy and Process Engineering, TECHNISCHE UNIVERSITÄT BERLIN – Germany Focus: <ul style="list-style-type: none">› Control systems› Computer-aided modelling and simulation
September 2019 October 2015	Bachelor Chemical Engineering, TECHNISCHE UNIVERSITÄT BERLIN – Germany <ul style="list-style-type: none">› German Grade: 1.6 (good)› Focus: Process Engineering› Bachelor Thesis: Effect of Aeration on Droplet Sizes in a Coalescence-Inhibited Liquid-Liquid System Regarding Mechanical Stress in a Stirred Tank Reactor, Grade: 1.0 (very good)
May 2015 September 2014	T-Course, STUDIENKOLLEG AT TECHNISCHEM UNIVERSITÄT BERLIN – Germany <ul style="list-style-type: none">› Preparation course for international student in Germany› Feststellungsprüfung – German Grade: 0.7
June 2014 July 2011	High School Diploma, SMA KOLESE DE BRITTO YOGYAKARTA – Indonesia <ul style="list-style-type: none">› Ijazah SMA / MA – GPA: 4.0 (good)

WORK EXPERIENCE

today November 2019	Working Student, SOFTWARE DEVELOPMENT – SOPAT GmbH <ul style="list-style-type: none">› Assist in the development of an internal database system for optimizations of SOPAT workflows› Develop internal softwares <div>Python Computer Vision Machine Learning TensorFlow Django</div>
today Mai 2018	Tutor, CHAIR OF CHEMICAL & PROCESS ENGINEERING – Technische Universität Berlin <ul style="list-style-type: none">› Provide consultation hours› Prepare and revise learning materials and exercise catalogue as well as its solution <div>Energy and Mass Transport Process Engineering Physical Chemistry</div>
October 2019 April 2016	Tutor, CIP29 – Technische Universität Berlin <ul style="list-style-type: none">› Support students with Desktop-Publishing-Programmes› Utilize and provide maintenance of large-format printers <div>CorelDraw Adobe InDesign Scribus</div>
February 2019 October 2018	Intern, SOPAT GMBH – Berlin <ul style="list-style-type: none">› Perform test measurements of various samples› Prepare reports for customers› Quality control of SOPAT's products› Assemble and construct experimental setups <div>Process Engineering Particle Measurement Technology</div>
March 2018 October 2016	Language Teacher, SPRACH- UND KULTURBÖRSE – Technische Universität Berlin <ul style="list-style-type: none">› Teacher for indonesian as foreign language› Provide consultation about the course offers of SKB

November 2019 January 2019	Mentee, ALUMNI MENTORING PROGRAM – Technische Universität Berlin <ul style="list-style-type: none"> Participate in a career mentoring program by the alumni and the Career Service of the TU Berlin
April 2019 October 2016	SPRACH- UND KULTURBÖRSE – Technische Universität Berlin <ul style="list-style-type: none"> Manage an internal wiki website Advise and support interns
May 2017 October 2015	AIESEC & IAESTE – Technische Universität Berlin <p>As member (October 2015 - August 2016):</p> <ul style="list-style-type: none"> Responsible for the cooperation of Finance and Incoming Exchange Team Responsible for online marketing Serve as contact person to media office from several universities in Berlin <p>As Vice President Finance (August 2016 - May 2017):</p> <ul style="list-style-type: none"> Team leader of four voluntary members Responsible for the bookkeeping and financial activities of the local committee Develop and formulate the yearly budget plan of the local committee
Juli 2016 August 2015	Secretary, KMKI (INDONESIAN CATHOLIC STUDENT FAMILY) – Berlin <ul style="list-style-type: none"> Responsible for all administrative tasks of KMKI Berlin Contact person for organisation sponsors and public relations Responsible for keeping meeting protocol

PROJECTS

CHEMCAR

JANUARY - OCTOBER 2019

VDI ChemCar-Competition

Planning and constructing a model vehicle powered by a chemical reaction as part of the ChemCar course at the TU Berlin as well as subsequent participation in the VDI ChemCar competition – 2nd Place

CAD Parameter Estimation

FLOOR HEATER

2018

 github.com/FelixFebrian/FloorHeaterMATLAB/

A simulation program for floor heating using the numerical method Finite Volume Method (FVM). The program was written in MATLAB 2018a.

LaTeX MATLAB FVM

AWARD

DEUTSCHLANDSTIPENDIUM

OCTOBER 2019 - SEPTEMBER 2020

Technische Universität Berlin

Scholarship for students who distinguish themselves through outstanding performance and special commitment

LANGUAGES

Indonesian ● ● ● ● ●
 German ● ● ● ● ●
 English ● ● ● ● ○
 Spanish ● ● ○ ○ ○

COMPUTER SKILLS

Office 365 ● ● ● ● ○
 Python ● ● ● ● ●
 MATLAB ● ● ● ● ○
 LaTeX ● ● ● ○ ○