JuliusFaber
M.Sc. Computer Science, Full-Stack Dev

contact
djudju@proton.me
djuju.tech
github.com/djudjuu
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languages
german (native)
english (working
proficiency)
portuguese (fluent)
french (good)
spanish (good)

programming
Python ♥!, solidity,
javascript, typescript,
C++, MatLab,
NEURON

experience

07/2020–04/2022 **arboreum.dev**   Berlin, Amsterdam, Bangalore (India)
Co-Founding Engineer & Full-Stack Dev:
Credit Union as a Service Platform, received Grants from Algorand & Consensys; designed and executed 3 pilots giving out loans to 100+ low-income farmers, blue-collar-workers and SMMEs in rural India
Full-Stack Development, Pilot Design & Implementation, designed and led API-Integration with partnered P2P-lending-platforms

11/2019–04/2020 **neufund.org**   Berlin
Ethereum Blockchain Developer:
smart-contracts (e.g. snapshotted voting with security-tokens),
backend microservices (python)
terminated due to Corona measures

10/2020–11/2020 **Ethereum Dev UG - solidity team**   Berlin
Independent Contractor:
AST JSON import for the solidity-compiler (C++)

05/2019–09/2019 **Freelance**   Berlin
Blockchain Developer:
smart-contracts and documentation for fathom.network, simple dashboard for MakerDAO `https://grants.makerdao.com/`

06/2017–02/2019 **Consensys**   New York
Blockchain Developer:
smart-contracts, protocol development, frontends and documentation for fathom.network smart-contracts for `airswap.io`

03/2017–06/2017 **solidity - Ethereum Dev UG**   Berlin
Intern:
C++ development for the solidity compiler: compact-format export/import of the AST

2012 – 2017   **Blinkist**   Berlin
Bookworm:
I read non-fiction books on a wide range of topics and distill their most important key-insights into a summary that can be read in 15min, without any previous knowledge of the subject.

education

10/2012 – 10/2016

Master of Computer Science   Technische Universität, Berlin
Specialization: Intelligent Systems, Minor: Psychology
Final Grade: 1,4 (A-)
Entropy as an Organizing Principle for Selection in Evolutionary Robotics
The thesis was written at the Multi-Agent-Group (LabMAg) at the Lisbon University,
supported by two scholarships (PROMOS and FITWeltweit) from the german institute
for academic exchanges (DAAD).

02/2015–07/2015

Intern at the Artifical Life Research Group
of Prof. Luís Correia   Universidade de Lisboa
Representing context with high dimensional random vectors
supported by an Erasmus+ Scholarship

10/2009–11/2012

Bachelor in Applied Computer Science   Georg August Universität, Göttingen
Specialization: Computational Neuroscience
Final Grade: 1,8 (B+)
Reinforcement Learning on a Predefinded Situation Space using a KUKA lightweight Robot-Arm (Simulation)

1996–07/2009   **Abitur & Baccalauréat**   Rückert-Oberschule, Berlin
Final Grade: 1,3
Focus Subjects: French, Chemistry

communication skills

2017-2020   **Member of different Dev Teams**   fathom, neufund
I can work autonomously and self-directed, yet will clearly communicate what
I need to self-improve fast and get unstuck fast. I communicate clearly about
my limits and zones of comforts, both in terms of team-culture and coding.

2016   **Member of a Theatre Group**   Heimathafen Neukölln
Developing and writing a theatre piece with a group of strangers tought me a
lot about myself and group dynamics.

2015   **Moderation of a Panel Discussion &, Team Coordination**   Centre for international
and intercultural Communication (ZiiK) at TU Berlin
As part of a university course on system engineering, we build a website that
informed about electronic waste and promoted creative ideas for its reduction.
I mediated between the design and the implementation team. For the final
presentation, I moderated a panel with experts from academia and politics.

2011-2012   **Coach of my University Frisbee Team**   Georg-August University Göttingen
I was in charge of two practices, one for the newcomers and for the advanced
players, learning about morale and how people react and perform under pres-
sure. In 2012, we won the german university championship (correlation :).

interests

professional:
blockchain technologies (specifically identity solutions and reputation), online education,
intelligent editor extensions, pair-programming, consciousness, teaching computer basics
to kids, vim-based workflow optimization

personal:
sports (surfing, elite-level ultimate frisbee), magic, go, books, online privacy, digital literacy, state surveillance

references

Gaurav Singhal: CEO at `arboreum.dev` & inaugural Chief Data Scientist at the UN-World Food program
gaurav@arboreum.dev

Marcin Rudolf: CTO at `neufund.org`
marcin@neudund.org

Jared Pereira: mind behind `fathom.network`
jared@awarm.space

Prof. Dr. Oliver Brock: Director of the Robotics and Biology Laboratory at TU Berlin
oliver.brock@tu-berlin.de

Nazir Peroz: Director of the Centre for international and intercultural Communication (ZiiK) at TU Berlin

Allen Clement: Software Engineer at Google and Coach of the German Ultimate Frisbee Mixed National Team
aclement@mpi-sws.org