

Felix Wu

High School Student, Programmer

Contact

Email

david10608@gmail.com

Phone

+49 1523 4709997

Website

<http://david-wu.me> (<http://david-wu.me>)

About

I am a German high school student currently attending Internatsschule Schloss Hansenberg, an extraordinary boarding school for intelligent and soft-skilled teenagers near Frankfurt, Germany. I have a keen interest in computer science as well as in maths and physics. Apart from school, I do a lot of programming and deal with computer science related topics as well as provide my translation skills as a freelancer, but I also love meeting and having fun with friends as well as doing various sports and playing the piano. I have always been really ambitious about my interests and my future career, as I hate giving up on previously set goals. Therefore, I never stop gaining new interests, as I am always curious about learning new things continuously. My ultimate goal is to work as a Software Engineer at some major company like Google, Amazon or Microsoft one day and to not only work for a living, but also to have fun while working and especially to help others by writing useful, helpful software and passing on my experience and knowledge.

Profiles

LinkedIn

Felix Wu (<https://www.linkedin.com/in/felix-wu-de/>)

Github

Pl4gue (<https://github.com/Pl4gue>)

Twitter

pl4gue_dw (https://twitter.com/pl4gue_dw)

Work

GEZE GmbH

Nov 2017 — present

Independent Technical Contractor

<http://www.geze.de/> (<http://www.geze.de/>)

Working on a noise-cancelling system for electrically powered sliding doors, combining scientific research with experimental implementation.

Freelance Translator (UpWork)

Aug 2017 — present

Independent Translation and Writing Freelancer

<https://goo.gl/q2VRY6> (<https://goo.gl/q2VRY6>)

Providing my translation, writing and transcription services from English to German to Chinese and v.v. to various clients while getting almost always completely satisfied feedback, maintaining a 100% Job Success Score.

Hessischer Basketball Verbund

Sep 2016 — present

Official Basketball Referee

<http://www.hbv-basketball.de/> (<http://www.hbv-basketball.de/>)

Working as a basketball referee with LSE license, refereeing regional league matches.

HyperKonnect Technologies Pvt. Ltd.

Oct 2017 — Nov 2017

Software Engineer Foreign-Intern (India)

<http://happyemi.com/> (<http://happyemi.com/>)

In a one month long internship at HyperKconnect Technologies Private Limited, a startup giving POS loans to customers using an alternate Credit Scoring Engine, I got familiarized to the operations, processes and the management involved with the value chain. I have been majorly involved in Android development including enhancing the company's Android application and learning new software engineering concepts as well as Market Researching and General Researching. Furthermore, my work also consisted of implementing and understanding the concepts of distributed computing and Blockchain.

Volunteer

CoderDojo

Feb 03, 2018 — present

Tutor, Mentor at CoderDojo RheinMain

<https://coderdojo.com/> (<https://coderdojo.com/>)

Global movement of free coding clubs for young people.

OpenGenus Foundation

Oct 2017 — present

Open Source Developer

<http://www.opengenus.org/> (<http://www.opengenus.org/>)

Being a Open Source Developer at the OpenGenus Foundation, I co-built cosmos-search and do maintain cosmos-search as well as help with cosmos and other OpenGenus projects.

Highlights

- Built an unbiased algorithm/code-searching engine.

OGS Carl-Sonnenschein-Grundschule

Mar 2016 — Apr 2016

Childcare Worker

<http://carlsonnenschein-schule.de/> (<http://carlsonnenschein-schule.de/>)

Over a one-month period, I volunteered as a childcare worker at the Carl-Sonnenschein Primary School in Düsseldorf, attending the children, helping them with their homework and playing games with them.

Education

Udacity, Inc. & Google LLC

Nov 06, 2017 — Feb 06, 2018

🎓 Google Android Developer Challenge Scholarship

Internatsschule Schloss Hansenberg

2016 — 2019 (expected)

🎓 Higher education entrance qualification (A-levels), Abitur
Geisenheim, Germany

St. Ursula-Gymnasium

2011 — 2016

🎓 Lower secondary education
Düsseldorf, Germany

Awards

ProductHunt Top Maker

by Producthunt Pvt. Corp.

Awarded Jan 03, 2018

Co-Maker of 30 seconds of code, which ranked third on its Producthunt launch day, the 3rd Jan 2018.

Google Code-In Participant

by Google Inc.

Awarded Nov 28, 2017 - Jan 17, 2018

Successfully contributed to various open-source organizations like Ubuntu and SCORE. Within GCI, I learnt about

NPM and Snapcraft among other new technologies.

Invent A Chip Finalist

by **VDE & Federal Ministry of Education and Research**

Awarded Mar 2017 - Sep 2017

Got into the final round of "Invent A Chip", a national competition dealing with microelectronics. The goal is to design an own chip idea on paper and then to implement it on an Altera FPGA-board provided by the organizers, including selecting and acquiring sensors, wiring them, and programming the needed functionalities in VHDL. Me and my team developed a bag for pupils that detects whether the bag is too heavy for the wearer or whether the weight is unequally allocated.

Skills

Web Development

- HTML
- CSS + Preprocessors - Sass, Less
- JavaScript
- Node.js
- Django, Flask
- Static Site Generators - Jekyll, Hugo

Desktop/Mobile Development

- Java
- Python
- Android - Java, (Kotlin)
- C++
- C#
- Bash
- SQL
- VHDL

Software Engineering

- Version Control - Git, Mercurial
- Cloud Computing - AWS, GCP
- GNU/Linux
- Dependency Injection, Reactive Programming
- Docker, Heroku, Snapcraft
- CI, Code Coverage & Testing
- Design Patterns

Algorithms and Data Structures

- Searching and Sorting
- Graph Theory
- Dynamic Programming
- Data Structures

Languages

German

Native proficiency

English

Full professional proficiency

Chinese

Native or bilingual proficiency

French

Elementary proficiency

Interests

Subjects

- Maths
- Physics
- Economics and Politics

Sports

- Basketball
- Parkour
- Ultimate Frisbee

Software Engineering

- Cloud Computing
- Artificial Intelligence
- Blockchain

Music

- Piano

Others

- Social Engineering

References

"It has really been a pleasure for me to assist Felix as He is a really helpful and friendly person despite being a really quick learner. He is very good in grasping new things theoretically and implementing them practically. I was particularly impressed by his implementation of MVP Architecture using Dependency Injection with Dagger and RxJava in our Android Project. In a very short period with HappyEMI, He has also worked on an OCR Implementation for our Customer Application. Felix was definitely an asset to our team, and I would recommend Felix with his Programming Skills, his Learning Ability and his Soft Skills to any company!"

— **Vinay KG, Senior Android Developer at HappyEMI**

"A very enjoyable and professional experience with Felix. He was very flexible in an environment lacking schedule and handled everything succinctly and according to schedule. I will definitely make use of his services again - Felix comes highly recommended. Thanks, Felix!"

— **Cigol Elpmis, Upwork Client - Live DE-EN Translation**

"Beautiful and quick work."

— **fascal, Upwork Client - Proofreading and Translation**