Yahya Jabary

Address: Vienna, Austria

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Website: https://www.yahya.codes/

Gender: Male   **Date of birth:** 13 Feb 2000   **Nationality:** Austrian

WORK EXPERIENCE

[Feb 2021 – Current] **Tutor / Teaching assistant**

Vienna University of Technology   https://www.tuwien.ac.at/

Main activities and responsibilities:
186.866 Algorithms and Data Structures
- Creating a tutorial for runtime analyses as teaching material
- Rating exams

188.909 Software Engineering and Projectmanagement
A course where students are tought full-stack web development with Spring-Boot, Angular and CI/CD best practices.
- Answering questions, rating projects
- Supervising my own group of students in a project that lasts 3 months

185.A92 Intoduction to programming (and several other introductory courses such as: **Prolog, Brückenkurs**)
- Teaching programming basics in Java, Processing
- Creating and rating exams
- Teaching a crash-course over a week by myself
- Introducing software-visualizers into the course for the first time in my bachelors thesis and evaluating its effectiveness

[Mar 2021 – Mar 2022] **Project manager**

Seavan Tabdir Tejarat   https://www.pedc.ir/subidiaries-pedc/subsidiaries/seavan-tadbir-tejarat

Main activities and responsibilities:
Planning and prototyping of a new mobile application dedicated to messaging and accessible CRM for a company in the oil and gas industry:
- Designing and prototyping the entire UI/UX using Figma
- Planning and documenting tasks and goals
- Choosing the right technology-stack
- Negotiating with VCs and finding software engineers for hire

[Jun 2018 – Dec 2018] **Volunteer**

Serlo Education   https://www.serlo.org/

Main activities and responsibilities:
- Creation of mathematics related content in a non-profit educational organization with over 800.000 monthly visitors.
- Setting up a Serlo location in Vienna and building a community of authors.

[May 2018] **Volunteer**

Maker Faire Vienna   https://www.makerfairevienna.com/

Main activities and responsibilities:
Setting up stands at a trade fair for hacking enthusiasts.

[Aug 2017 – Sep 2017]	**CNC-Programmer**

Maker Austria e.V.   https://www.makeraustria.at/

Main activities and responsibilities:
Construction and configuration of a 4-axis CNC-machine.

EDUCATION AND TRAIN-ING

[2019 – Current] BSc Software and Information Engineering

Vienna University of Technology

[2019] Secondary School AHS

PGRG13 DominikanerInnen

Main subject / occupational skills covered:
Graduated

[2018] Business College HAK

Austrian Economic Chamber WKÖ

Main subject / occupational skills covered:
Autodidactically studied additional curriculum for HAK.

[2017] BSc Mathematics (Incomplete degree)

University of Vienna

Main subject / occupational skills covered:
Studied while still at school - made possible through NCOC ÖZBF-Programme.

CERTIFICATES AND AWARDS

[Aug 2021 – Sep 2021] Research Scholarship from Vienna University of Technology

Chosen for programme by Senior Lecturer Dipl.-Ing. Dr.techn. Stefan Podlipnig from the Institute for Logic and Computation.

[2018] Entrepreneurship Certificate

Acquired at the Austrian Economic Chamber.

Economic and financial knowledge as well as entrepreneurial competences.

Corresponds to the European Entrepreneurship Examination and the graduation from a Business College (HAK).

https://www.wko.at/site/esc/The-Entrepreneur-s-Skills-Certificate.html

[2018] Youth project funding (EureProjekte)

I founded an online non-profit educational organization for Mathematics and received project funding by WienXtra via EureProjekte after it got selected by a jury.

My project failed after a year - then I started volunteering at an existing NGO (Serlo Education).

[2017] Selected by programme for the promotion of gifted students (NCoC ÖZBF)

I was chosen by the fund for the promotion of gifted students which enabled me to study mathematics in the university of Vienna for a year while still at school.

PROJECTS

"Energieausweis"-Reader

Client: FH Technikum Wien (Faculty for renewable energies)

Project type: Data mining / Pdf-scraping

Python script that can OCR and scape pdf, optimized for performance.

DateWatch

Project type: Mobile first web-application (university project: dateWatch)

A distributed system that allows users to sign up to speed-dating-events, choose their partner, look up how much time they have left to talk and then afterwards tell the system whether they liked their date or not (this is all done in real-time). After the event users can give feedback to the organizer and look up their matches.

Rated with the highest grade in the course it was developed in.

Austrian real estate web scraper

Project type: Web-scraping (educational project: realEstateScraper)

Real-estate web-scraper for the top 3 most popular Austrian websites using Spring-Boot and Seleniums headless web-browser.

LANGUAGE SKILLS

Mother tongue(s): German, English, Persian

ARTISTIC ACTIVITIES

[2019]   **Art Exhibition**

Illustriations and short films about persuasive technology such as social media at "Galerie der Stadt Wels".

https://galeriederstadtwels.at/category/go-public/

[2016]   **VIS Award - 3rd Place**

Participated at the Vienna-International-Shorts competition twice.