



# MALEK ALSIBAI

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## PROFILE

Computer Science student (B.Sc. International Computer Science, OTH Regensburg) interested in IT security, networking and web development; hands-on experience in WordPress administration, Linux and independent full-stack projects. Seeking a **mandatory internship (min. 18 weeks)**, available from **01 Oct 2026**.

## WORK EXPERIENCE

- Since Jun 2025* **Administrative Staff – Public Relations & Web Management**  
*Student Union (StuV), OTH Regensburg*
- Own initiative: analysed a reported WordPress vulnerability outside working hours and notified IT promptly; proactively secured confidential media-library documents
  - WordPress administration (stuv-othr.de): security updates, plugin management, data backup, access control; prototyped a workflow automation (Microsoft Forms & Power Automate)
  - Bilingual (DE/EN) newsletter for 11,134 students (content & editing); Instagram channel (@stuv\_othr) with Canva templates and Meta Business Insights
- Aug–Sep, 2024 & 2025* **Operator – Working Student**  
*Infineon Technologies Regensburg*
- Independent operation of photolithography systems (Canon FPA 3000i/5500i, TEL ACT 8); full production responsibility during holiday cover; rehired in two consecutive years based on proven performance
- Mar–Jul, 2024* **Student Research Assistant – Market Research**  
*Faculty of Computer Science & Mathematics, OTH Regensburg*
- Marketing strategy for “International Computer Science”: market research and school outreach across Bavaria, Germany & EU; ~30% increase in programme awareness (per recommendation letter)

## PROJECTS

- Pi-hole Home Network DNS Filter** | *Linux, SSH, DNS, Network Security, Raspberry Pi*
- Configured Pi-hole on Linux: network-wide DNS filter (ad-/tracking-domains), remote management via SSH, DNS monitoring and blacklist management
- Relay – Microblogging Platform** | *Spring Boot, MariaDB, React, Docker, JUnit*
- Full-stack web app: REST API (Spring Boot & JPA/MariaDB), authentication, React frontend, Docker, unit tests (JUnit); architecture & integration built independently
- Pockets – Personal-Finance Web App** | *React, Zustand, Tailwind CSS, Vite, Recharts*
- Budgeting app (envelope method): bank-CSV import & categorisation via regex, state management (Zustand/Immer) with double-deduction safeguards, “Safe-to-Spend” & 12-month forecast

## TECHNICAL SKILLS

**Programming Languages:** Java, C, JavaScript, Bash  
**Web & Databases:** React, Tailwind CSS, REST APIs, SQL/MariaDB  
**Networking:** TCP/IP, Routing, Switching, Wireshark, Cisco Packet Tracer  
**Tools & Infrastructure:** Linux (Ubuntu), Docker, Git/GitHub, JUnit  
**Methods & Soft Skills:** Agile (Kanban), initiative, teamwork & communication, intercultural competence  
**Hardware & Maker:** 3D printing, soldering, Arduino  
**Languages:** German (fluent), English (native), Arabic (native) **Driving Licence:** Class A & B

## EDUCATION

- Since Oct 2023* **B.Sc. International Computer Science**  
*OTH Regensburg*
- Relevant modules: Computer Networks, Computer Systems, Computer Architecture, Operating Systems, Web Technology Project, Software for the Global Market
- Jun 2022* **International Baccalaureate Diploma (IB)**  
*CJD International School, Braunschweig-Wolfsburg*

## ADDITIONAL QUALIFICATIONS

**Faculty Council – CS & Mathematics (10/2025 – 03/2026):** Elected #1 with 142 votes; liaison between students, faculty & administration; input on academic regulations & international student integration  
**School Internship @ msg DAVID GmbH (2018):** Java, HTML | **DIGITAL Camp @ fme AG (2017):** Android, Mindstorms, VR | **Robotics @ Protohaus Makerspace (2019) | KiWi @ DLR School\_Lab (2018)**