Ivo Ackermann

Wirerstraße 6-14/5/13, 1100 Wien

Ivo.Ackermann@gmx.at

+43 660 486 3666

Professional Experience

- Software Developer at Robert Bosch AG, 2019-2022

  - Model development for LabcarPT in Simulink (Matlab) and design/maintenance of a Simulink library
  - Automated testing for engine control units (ECUs) with Python/EcuTest

- QA/Tester at Rabcat Computer Graphics GmbH, 2017-2019

  - Quality assurance and bug tracking in the gambling sector for mobile devices and various browsers with Redmine/Jira

- Tester for Back2Basics, 2017-2018

  - Tracking bug reports, small repairs, and contact point for the community for the World of Warcraft private server Back2Basic
  - Research into how the affected areas should behave and documentation in the bug tracker

- Internship at Kozoom (12 weeks), 2015-2016

  - Development of a prototype for the automatic generation of statistics based on table football videos in MATLAB (Image Acquisition Toolbox and Image Processing Toolbox)
  - Implemented the algorithms for this specific case myself
  - Prototype is able to track the ball and detect successful/blocked passes based on the ball's position and acceleration
  - Bachelor's thesis

Education

- MSc Industrial Robotics, since 2022

  - Mechanics, robot kinematics, programming, mathematics, computer vision, machine learning

- BSc Sports Equipment Technology, Technikum Wien, 6 semesters, 2013-2016

  - Medical technology, designed for sport
  - Projects in MATLAB and C#, among others in the areas of image and video analysis
  - Set up of sensors/measurement chains and evaluation of measurements
  - Bachelor's thesis in collaboration with the company Kozoom

- Mathematics degree, TU Wien, 3 semesters, 2010-2012

  - Lectures, among others Linear Algebra, Analysis, Measure and Probability Theory, Introduction to Programming in C#

- AHS Matura, 2010

  - BRG Berta v. Suttner; in German, English, Mathematics, Descriptive Geometry

Software and Programming Languages

MATLAB (Simulink, Image Processing Toolbox, Image Acquisition Toolbox,...), Jira, Redmine, LaTeX, C#, C++, Creo (ProE), Office (Open Office, MS Office), Ubuntu, Simi Motion, LabView

Languages and other Skills

- Languages: German (mother tongue), English (fluent), Spanish (Beginner)
- Driver's license B

Additional Qualifications

- Supervisor at Zirkus KAOS, since 2005
  - Supervise circus units for children and adolescents. The focus of the work is an alternative approach to teaching that promotes freedom and safety. Children are encouraged to learn from each other and are supported by experienced artists
  - I have experienced the circus as a cooperative and communicative environment since 1996
- Maintenance of unicycles and other circus equipment, since 2005
- Artistic and technical assistance in circus productions, since 2002
  - Responsibility for the development of a concept to the details of the performances, for the required equipment and for the bureaucratic procedures
- Exercise instructor in therapeutic climbing (1 week), 2015
  - Structuring of exercise units; dealing with people with disabilities
- Circus Diploma, Zirkus Akademie, Vienna, 2012
  - Circus arts and pedagogy
  - Specialization in unicycling and staff manipulation

Hobbies

- Circus: Training out of passion and for performances in various disciplines (unicycle, staff manipulation, aerial silks, diabolo, acrobatics, juggling,...)
- Climbing
- HunTu (treasure hunt of the TU Wien)
- Theorycrafting (optimization of computer games)
- Speed Cubing (record 20s)