

# H A G N

## MAXIMILIAN



### CONTACT INFO

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<b>GitHub</b>	<a href="https://github.com/maxhagn">github.com/maxhagn</a>
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### EXPERIENCE

- STUDENT RESEARCH AND TEACHING ASSISTANT** **2022-2023**  
*University of Technology* | Vienna, Austria  
(4 hours per week)
  - Development of a C++ terminal user interface for automatic detection of violations against MPI guidelines
- SOFTWARE-ENGINEER** **2021-2023**  
*Aqilo Business Consulting GmbH* | Vienna, Austria, Remote  
(20 hours per week)
  - Identification and analysis of requirements
  - Development of a claim management software
  - Design of user interfaces for customers
  - Quality management and version control
- SOFTWARE-ENGINEER** **2018-2021**  
*Avalon Computer System GmbH* | Vienna, Austria  
(11 hours per week)
  - Providing first- and second-level support
  - Planning and development of software components (Perl, JavaScript, C#)
  - Problem solving in the development team and in cooperation with experts
- ACCOUNTANT, SUMMER INTERNSHIP** **July 2017**  
*Société Générale Equipment Finance* | Vienna, Austria  
(38.5 hours per week)
  - Data entry, analysis, control and corrections in SQL databases
  - Assistance with a sensitive project: Collection and recording of Know Your Customer data in the back office system.

<b>ACCOUNTANT</b> <i>Société Générale Equipment Finance</i>   Vienna, Austria (10 hours per week)	<b>2016</b>
<b>SOFTWARE-ENGINEER, SUMMER INTERNSHIP</b> <i>STIWA Holding GmbH</i>   Vöcklabruck, Austria (38.5 hours per week)	<b>July 2016</b>
<b>SOFTWARE-ENGINEER, SUMMER INTERNSHIP</b> <i>Avalon Computer System GmbH</i>   Vienna, Austria (38.5 hours per week)	<b>July 2014</b>

## EDUCATION

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<b>Bachelor in Software &amp; Information Engineering</b> <i>University of Technology</i>   Vienna, Austria	<b>2021-2023</b>
<ul style="list-style-type: none"> <li>• Current GPA 2.93/4 (Austrian Grading Scheme: 2.07)</li> <li>• Thesis topic: "Automatic Verification of MPI Guidelines by Comparing Default Collectives And Tuned Mockups" (Official Title TBA)</li> </ul>	
<b>Bachelor in Business Informatics</b> <i>University of Technology</i>   Vienna, Austria	<b>2018-2022</b>
<ul style="list-style-type: none"> <li>• Graduated with GPA 2.84/4 (Austrian Grading Scheme: 2.16)</li> <li>• Thesis topic: "Detecting Performance Bottlenecks through AST Transformation"</li> </ul>	
<b>High School</b> <i>Higher Technical Education Institute Rennweg</i>   Vienna, 1030, Austria	<b>2012-2018</b>
<ul style="list-style-type: none"> <li>• Graduated with merit (GPA 3/4, Austrian Grading Scheme 2.00)</li> <li>• Diploma thesis topic: "Creative Puzzle - E-Learning Platform for Web Development"</li> </ul>	

## ACHIEVEMENTS

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<b>Certifications</b>	<ul style="list-style-type: none"> <li>• Certified Project Management Associate IPMA Level D (Valid until 2027)</li> <li>• Stanford Online Machine Learning Specialization</li> <li>• Communication and Team Building Seminar (34 hours)</li> </ul>
<b>Recognitions</b>	<ul style="list-style-type: none"> <li>• Project Leader of the Diploma Thesis "Creative Puzzle - E-Learning Platform for Web Development" (Grade: A)</li> <li>• 2 x Project Leader of an information technology project with external clients within the scope of the project management course at high school</li> <li>• High School Class Representative, Vice departmental representative and 3rd on the school community committee (3rd vice head boy)</li> </ul>

## SKILLS

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<b>Applications</b>	Microsoft Office, LibreOffice, iWork, Thunderbird, Trello, Visual Studio, IntelliJ
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<b>Operating Systems</b>	Linux (Debian), Apple macOS, Microsoft Windows
<b>Project Management</b>	Linear Models, Agile Methods, SCRUM, Kanban, Quality Management
<b>Front-End Development</b>	HTML, CSS, JavaScript, TypeScript
<b>General Purpose Languages</b>	C, C++, Perl, Java, R, C#
<b>Frameworks and Libraries</b>	Spring Boot, Blazor, Angular, MPI, OpenMP, LLVM, Clang, Flex, YACC, OX, Burg, NumPy, Tidyverse, ggplot2, Shiny
<b>Languages</b>	<ul style="list-style-type: none"> <li>• German (native)</li> <li>• English (fluent)</li> </ul>

## REFERENCES

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<b>Andreas Renner</b>	CEO AQILO Business Consulting GmbH +43 (0) 676 87 297 4444 andreas.renner@aqilo.com
<b>DI Thomas Schallar</b>	CEO AVALON Computer System GmbH +43 01 32613 t.schallar@avalon.at
<b>Michael Mörth MSc</b>	CFO Société Générale Equipment Finance michael.moerth@sgef.at

## LINKS

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<b>Reports</b>	BSc Business Informatics High School Diploma
<b>References</b>	AQILO Business Consulting GmbH AVALON Computer System GmbH Société Générale Equipment Finance
<b>Certificates</b>	BSc Business Informatics IMPA Level D Machine Learning Stanford Team Building
<b>Publications</b>	Bachelor Thesis English Diploma Thesis German