

# Ludwig von Schoenfeldt, Full-Stack Developer, Researcher, AI Engineer

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## EDUCATION

2020 — 2023	<b>Associate's degree, Computer Science, Santa Monica College</b> International student from Germany Planning on transferring to UC Berkeley, UCLA, UCSD or UCI	Santa Monica
2019	<b>Summer Sessions, University of California, Los Angeles</b> studied Economics and Global Studies	Los Angeles


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## EMPLOYMENT HISTORY

Jul 2020 — Dec 2020	<b>Information Technology Intern, doubleSlash Net-Business GmbH</b> Worked on my own backend project for Iot devices leveraging Dotnet, Microsoft Azure and C# under the direct supervision of the Senior Developer and Microsoft MVP Ralf Richter. Supported my team on projects for big clients including BMW & Porsche.	Munich
Feb 2020 — Dec 2020	<b>Head Of Software Development, TwoTronic GmbH</b> Worked in a leadership position, supervising the software development of the vehicle scanner 3.0. Worked on mobile app integration for Porsche by building a full stack application for their internal App Store. Lead the development of the integration with the internal Daimler network API for low latency direct API calls and transfer of Big Data. Also was leading a small team of AI Engineers from around the world working on a damage detection algorithm by modifying and training the existing CNN (VGG-19 model) with the support from Fraunhofer. <a href="https://github.com/Research-Squad/Car-Damage-Detection">https://github.com/Research-Squad/Car-Damage-Detection</a>	Meitingen
Feb 2019 — Jul 2019	<b>Mergers &amp; Acquisition Law Advisory Intern, AWI TREUHAND Steuerberatungsgesellschaft GmbH &amp; Co. KG</b> Supported the consulting team in law advisory meetings with private customers. Organized and attended team meetings and customer meetings with clients on M&A deals in the 100M dollar range. Translated Mergers & Acquisitions contracts from German into English with extreme precision for overseas clients.	Augsburg
Sep 2018 — Feb 2019	<b>Corporate &amp; Franchise Law Advisory Intern, Law Firm Kiederle &amp; Dr. Schulz</b> Supported the consulting team in law advisory meetings with companies and private customers. Participated in court appointments in connection with current cases of the law firm. Worked together with Germany's biggest Franchise Companies on M&A deals and general franchise law.	Augsburg

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## SKILLS/INTERESTS

	Experience with leadership and teamwork, both in non-technical settings (support) and technical settings (group programming). Continually learning modern Data Science/ML through various online resources and personal projects exploiting CNN/GANs/etc. via TensorFlow, PyTorch and Scikit. Highly adept in C++, Python, Java, LaTeX, JS/TS, HTML5, HTTP/HTTPS, REST API creation/management. Competent in Azure and AWS solution deployment for enterprise and Google Cloud including Firebase and BigQuery. Experience from prior projects includes GCS/Azure for backend solutions, Docker, Django, Node.js, Bootstrap, React and Flutter. Worked on Quantum Computing for Hackathons with tools like Cirq and Qiskit.
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## AWARDS

Nov 2019	<b>Oerlikon Hackathon</b> Won 1st place in the Computer Vision challenge and 3rd place overall at a 24-hour hackathon. Developed a real-time identification solution for manufacturing parts using classical computer vision techniques and built a physical unit with motors for automation. Created a user-friendly GUI and designed the solution to work without data. Project available at <a href="https://github.com/Ludwigvsch/Hackathon19_Munich-SCREW_THIS">https://github.com/Ludwigvsch/Hackathon19_Munich-SCREW_THIS</a> .	Munich
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