

# Ozan Pekmezci

Munich, Germany

☎ (+49) 173-264-7608 | ✉ ozanpekmezci@gmail.com | 🏠 ozanpekmezci.github.io | 📷 ozanpekmezci | 🌐 ozanpekmezci

## Technical Skills

<b>Languages</b>	Python, JavaScript, Java, SQL, Solidity, Swift, HTML5, CSS3, LaTeX
<b>Technologies</b>	Postgres, MongoDB, Node, React, Redux, Express, scikit-learn, pandas, NumPy, TensorFlow, Keras, Web3, Docker
<b>Other</b>	Unix command-line tools, Jupyter Notebook, iOS, Git/GitHub, Scrum

## Education

<b>Technical University of Munich</b> - M.S. IN INFORMATICS	MUNICH, DE   2015 - Present
<b>Technical University of Munich</b> - B.S. IN INFORMATICS	MUNICH, DE   2012 - 2015

## Work Experience

<b>Konfid.io UG</b> - FULL STACK DEVELOPER	BERLIN, DE   Apr. 2018 - Sep. 2018
<ul style="list-style-type: none"><li>Developed Ethereum Smart Contracts using Solidity.</li><li>Deployed and maintained Ethereum-based distributed ledger protocol Quorum to Ubuntu servers using Docker.</li><li>Programmed Node.js applications that listen, process and push data into the Blockchain.</li><li>Utilized Web3.js to read data from the Blockchain and show data on the Front-End.</li></ul>	
<b>Motius GmbH</b> - FRONT-END DEVELOPER	MUNICH, DE   Sep. 2017 - Apr. 2018
<ul style="list-style-type: none"><li>Developed and designed a Dashboard for a smart city project based in Dubai.</li><li>Used Front-End libraries React to build the User Interface and Redux to manage states.</li><li>Ensured the user-friendliness of the Dashboard on different screen sizes with CSS.</li><li>Worked with a team of 6 and took part in the decision-making processes.</li></ul>	
<b>Pentland Firth Software GmbH</b> - WORKING STUDENT	MUNICH, DE   Mar. 2017 - Sep. 2017
<ul style="list-style-type: none"><li>Improved the existing ERP, CRM solution using the Odoo framework.</li><li>Implemented the improved solution for another consulting firm.</li><li>Programmed the Back-End in Python and the Front-End in JavaScript.</li></ul>	

## Project Experience

<b>Master's Thesis</b> - Collaboration project of Motius GmbH and fortiss GmbH	Oct. 2018 - Present
<ul style="list-style-type: none"><li>Develop a Recommender System that addresses the diversity principle to improve user satisfaction.</li><li>Calculate employee-project similarity and use metric learning to select best candidates with scikit-learn and Python.</li><li>Feed data into Embedding layer and predict relevancy using Deep Neural Nets developed on TensorFlow and Keras.</li></ul>	
<b>Ampelligence</b> - <a href="https://goo.gl/S2ms9u">goo.gl/S2ms9u</a>	Sep. 2017 - Present
<ul style="list-style-type: none"><li>Develop a system to warn vehicle drivers when a bicycle is detected at crossings.</li><li>Use Convolutional Neural Networks to distinguish between the detected objects with YOLO real-time object detection.</li><li>Create a Business Plan using a Lean Canvas to give the project direction, define objectives and help the project getting funded.</li></ul>	
<b>Machine Learning Nanodegree Capstone</b> - <a href="https://goo.gl/ayNFIE">goo.gl/ayNFIE</a>	May 2018 - Aug. 2018
<ul style="list-style-type: none"><li>Developed a deep learning project to extract house numbers from street-view images.</li><li>Used the architecture Convolutional Neural Networks with multiple layers on TensorFlow and Keras.</li><li>Achieved overall accuracy of 87.2%, per character accuracy of 96.8% and 96.5% coverage.</li></ul>	
<b>The Voice of Retail</b> - <a href="https://goo.gl/hVwMJT">goo.gl/hVwMJT</a>	Apr. 2017 - Aug. 2017
<ul style="list-style-type: none"><li>Developed a Chatbot built on Dialogflow for MediaMarktSaturn that can be interacted via voice or text.</li><li>Connected the bot to the Express backend and iOS client giving the users a complete experience.</li><li>Presented the application to an audience of 400 for a software theatre.</li></ul>	

## Honors & Activities

2018	<b>Machine Learning Nanodegree</b> , Udacity	MUNICH, DE
2018	<b>Winner</b> , Bavarian Traffic Security Award	BAMBERG, DE
2017	<b>Winner</b> , Think Make Start	MUNICH, DE

## Other Skills and Interests

<b>Languages</b>	English (Fluent), German (Fluent), Turkish (Native Speaker), Spanish (Beginner)
<b>Interests</b>	Politics, Improvisational theatre, Basketball, Cycling, Hiking, Skiing