

Ozan Pekmezci

Munich, Germany

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Technical Skills

Languages	Python, JavaScript, Java, SQL, Solidity, Swift, HTML5, CSS3, LaTeX
Frameworks/Libraries	scikit-learn, pandas, NumPy, TensorFlow, Keras, Postgres, Node.js, React.js, Redux, Web3.js, MongoDB
Other	Jupyter Notebook, Unix command-line tools, iOS, Git/GitHub, Slack

Project Experience

Master's Thesis - Technical University of Munich

October 2018 - Present

- Develop of a Recommender System that addresses the diversity principle to improve user satisfaction.
- Calculate employee-project similarity and use metric learning to select best candidates using Python.
- Feed data into Embedding layer and predict using Multi-Layer-Perceptron.

Machine Learning Nanodegree Capstone - github.com/ozanpekmezci/capstone

May 2018 - August 2018

- Developed a deep learning project to extract house numbers from street-view images.
- Used the architecture convolutional neural networks with multiple layers.
- Achieved overall accuracy of 87.2%, per character accuracy of 96.8% and 96.5% coverage.

Ampelligence - ampelligence.com

September 2017 - Present

- Develop a system to warn vehicle drivers when a bicycle is detected at crossings.
- Use Convolutional Neural Networks to distinguish between the detected objects.
- Create a lean canvas.

The Voice of Retail - youtube.com/watch?v=U8JSDOeoLOc

April - August 2017

- Developed a Chatbot built on Dialogflow for MediaMarktSaturn.
- Connected the bot to the Node.js backend and iOS client.
- Showcased the application during a Software Theatre.

Work Experience

Konfid.io UG - FULL STACK DEVELOPER

BERLIN, DE | April 2018 - September 2018

- Developed Ethereum Smart Contracts using Solidity.
- Deployed and maintain Ethereum-based distributed ledger protocol Quorum to Ubuntu servers.
- Programmed Node.js applications that listen, process and push data into the Blockchain.
- Utilized Web3 to read data from the Blockchain.

Motius GmbH - FRONT-END DEVELOPER

MUNICH, DE | Sep. 2017 - April 2018

- Developed a Dashboard for a smart city project based in Dubai.
- Used Front-End frameworks React and Redux.
- Ensured the user-friendliness of the Dashboard with CSS.
- Worked with a team of 6.

Pentland Firth Software GmbH - WORKING STUDENT

MUNICH, DE | March - September 2017

- Improved the existing ERP, CRM solution using the Odoo framework.
- Implemented the improved solution for another consulting firm.
- Programmed the Back-End in Python and the Front-End in JavaScript.

Education

Technical University of Munich - M.S. IN INFORMATICS

MUNICH, DE | 2015 - Present

Technical University of Munich - B.S. IN INFORMATICS

MUNICH, DE | 2012 - 2015

Honors & Activities

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