Baohui Deng
Junior Web Developer

Contact

Gustav-Freytag Str.2
47057, Duisburg, Germany

0176-5673-7400

Dengbaohuilea@gmail.com

https://github.com/BaohuiDeng

https://www.xing.com/profile/Baohui$_D$eng/cv

https://www.linkedin.com/in/baohuideng-831b90184

https://baohuideng.github.io/BaohuiWebsite/index/index.html

Skills

FRONT-END

HTML

CSS

JavaScript

Bootstrap

React

Angular

Education

November 2019 – present

Postgraduate Computer Engineering Profile Intelligent Networked Systems (M.Sc.)

University of Duisburg-Essen

Coursework: Cloud, Web & Mobile, Advanced Web Technologies, Recommender System, Information Retrieval, Information Mining, Learning Analytics, Peer to Peer System, Interactive Systems.

October 2014 – November 2019

Computer Science Software Engineering (B.Sc.)

University of Duisburg-Essen

Coursework: Object-Oriented Programming, Data Structures and Algorithms, Computer Architecture, Databases, Software Technique.
Bachelor's thesis: „NoSQL, SQL and Object-Oriented Databases: Architectures, Differences and Implementations".
🎓 Thesis grade: 1.6

Software Projects

Material Land Web App

- The idea of the project is to provide a platform where students can share their experiences in order to support new students and facilitate the study process for them (e.g. guidance, study materials, advices, notes). Additionally, use this platform to gather course's topics in one place and focus on the most important one

- Developed features: login, registration, change username/password/personal image, add/update/delete posts as well as upload helpful files and materials

- `https://flaskpro-advwebtech.herokuapp.com/`

- Demo of the project: `https://www.youtube.com/watch?v=M09m9P4qvKg`

- <u>Utilized</u>: React, Bootstrap, Flask, MongoDB, Postman, Axios, mLab, Heroku, gunicon

PassWirzard Web App

- The project idea is to predict a student's performance as well as visualize the collected dataset in the context of educational environment to support learning experience

- Collaborative work: multiple interactive data visualizations, layout of the pages

- `https://passwizard.herokuapp.com/`

- Demo of the project: `https://www.youtube.com/watch?v=USe60t3qFys`

- <u>Utilized</u>: React, Chartjs, Python, scikit-learn, Bootstrap, Flask, MongoDB, Axios, Heroku

Back-END

Python

Flask

NodeJS

MongoDB

MySQL

C++

C

Machine Learning/ Data Visualization

German   B2

English   B2

Chinese

Sudi Web App (in progress)

- The project idea is to provide a package tracking platform for customer as well as for the company for better management

- Developed features: admin can add/update/delete new package status, send confirmation email to customer, users can inquire distance given two address or postal code, users can inquire package status

- Demo of the project: `https://www.youtube.com/watch?v=EQkhMYUxvKc`

- <u>Utilized</u>: React, Flask, Bootstrap, MongoDB, Axios

Work Experiences

Internship Student   **October 2020 - March 2021**
Faculty of Engineering - Social Computing Group
Duisburg-Essen University

Migration work of CourseMapper (mind map-based collaborative course annotation and analytics platform) from AngularJS to Angular.
Collaborative work: project management, migrated project code structure.
<u>Utilized</u>: Angular, AngularJS, MongoDB, NodeJS

Trainee Field Test   **August 2017 – February 2018**
ZTE GmbH

Performing field test and assessment on various mobile devices.
Pre-analysis of failures including replicating and categorizing the issues and then communicating results to R&D.
Preparation of professional test reports when required.
Support to improve automated tests and platform iteration.
Logs catching, release report construction, malfunction verification.

Project Assistant   **March 2018 – June 2018**
Dawtest GmbH

Performing various of mobile device field test.
Analysing and catching logs when malfunction detected.
Verifying malfunctions using command-line

Internship   **October 2014 - October 2015**
Freshman Institute FH Aachen

Internship work: Web Development using HTML, CSS, JavaScript, MySQL and PHP