Tat-Thien Pham

Software Developer and Engineer

Contact

About

I am a computer scientist from Aachen in Germany. Most probably, I will obtain my master's degree at RWTH Aachen at the end of 2018. During the employment as an apprentice, student assistant and engagement in student initiatives, I was able to get experience in backend- and frontend- development. I see myself not only as a software developer, but also as an engineer.

Profiles

LinkedIn
Tat-Thien Pham

GitHub
Tat Thien

Work

Werkzeugmaschinenlabor RWTH Aachen   2011-09-01 — 2017-05-01

Mathematical and Technical Software Developer Apprentice, Student Assistant   https://www.wzl.rwth-aachen.de

While working at WZL RWTH Aachen, I was involved in several industry and research projects in the area of production management. In the course of the projects, most of the time in a team of 2-3 developers, I developed web applications and individual software solutions for configuring and optimizing products and production networks. This included the implementation of software, which extracts, processes, analyzes and presents data.

Highlights

- Development of a process modelling tool d3.js
- Development and maintenance of a web-based tool to capture production data ASPIIS
- Development of a product configuration tool VBA
- Optimization of the utilization of machines within a production chain with the help of a genetic algorithm Java

Volunteer

AIESEC in Aachen/Germany

2016-07-01 —

Marketing Manager, Community Engager, Trainer, Organizing Committee President   https://aiesec.org/

I joined the local student initiative AIESEC in Aachen during my master's. Starting as a member in the marketing department, I was responsible for all local marketing activities, ranging from the planning and execution of info events, lecture presentations and the cooperation with partner initiatives and institutions. After half a year, I joined the national information systems team on the national level of AIESEC in Germany. As a community engager, I was responsible for the first-level support for all of our technical systems, as well as providing the community educational input for being able to work with the systems. Supported with a scholarship by Microsoft, I participated in a volunteering project in Recife (Brazil) called 'Global Volunteer' organized by AIESEC (April 2017). For two months, I worked in the community library 'Bibliotéca Caranguejo Tabaiares' within a favela. My main engagement was to plan and execute activities for children between the age of 5-12 years, which helped them to develop an awareness for cultural diversity. Furthermore I took part of a trainer seminar (August 2017), which enabled me to act as a trainer within the organization. Up to now I was able to train several intercultural, functional and team building trainings. Another opportunity was the organization of a national conference for 300 participants in January 2018. In the position of a organizing committee president, I was leading a team of 10 team members, coordinating finances, logistics and fundraising.

Highlights

- Organization of a national conference
- Train-the-Trainer participation
- Volunteer project in Recife (Brazil)

TEDxRWTHAachen

2016-07-01 —

Head of IT department   https://tedxrwthaachen.de/

In parallel to AIESEC, I also joined the local student initiative TEDxRWTHAachen during my master's. In the position of the head of the IT-team, the team members and I were responsible for the maintenance of our website, database, communication and collaboration tools and livestreaming. This included the development of internal supporting tools, handling the ticketing and capacity planning for webhosting and cloud. Up to now I was part of the organization of two TEDx conferences with 200 and 350 attendees.

Highlights

- Maintenance of website phpMySQLJavascript
- Maintenance of collaboration and communication tools
- Handling of ticketing
- Capacity planning for webhosting and cloud

Education

Rheinisch-Westfälische Technische Hochschule Aachen

2014-10-01 —

🎓 **Computer Science**
Master

Courses

- Algorithmic Game Theory
- String Processing and Compression
- Embedded Systems
- Mobile Internet Technology
- Processes and Methods of Software Tests
- Applied Software Engineering within the life cycle of Automotive Electronics Java Monticore
- Information Management for Public Mobility Systems
- Social Computing
- Automatic Speech Recognition
- Virtual Reality
- Computer Vision
- Medical Image Processing
- Serious Games in Medicine Java Javascript React C#Unity Scrum

FH Aachen – Aachen University of Applied Sciences ⸺ 2011-09-01 — 2014-09-30

🎓 **Scientific Programming**
Bachelor

Skills

Web Development (Back- and Frontend)

- HTML
- CSS
- Javascript
- React.js
- Spring Boot
- Apache Tomcat

Programming Languages

- Java
- Python
- Javascript

Databases

- MySQL
- PostgreSQL

DevOps

- Docker
- Vagrant

Languages

English
Fluent speaker

German
Native speaker

Interests

Facilitate trainings

- Team building workshops
- Intercultural seminars

Sports

- Soccer