

## Student Assistant (m/f)

at the Chair of Production Management of the Business School

We are looking for a **Bachelor/Master student (m/f)** to support the **Chair of Production Management** of the Business School for **24hours / month** from **November 1<sup>st</sup>, 2018** onwards. The chair's research focuses on the development of methods in Operations Research, specifically in the field of performance analysis of queueing systems and the optimization of stochastic systems.

### What you can expect:

- Supporting research
  - Literature search, numerical analysis
- Getting involved in research projects
  - Productive4.0 – Digitalization of the semiconductor industry, funded by the EU and BMBF (<https://productive40.eu/>)
  - Scheduling in multi-stage systems with time-dependent demand, funded by the DFG
- Supporting the development of a Java based tool for the quantitative performance evaluation of stochastic systems
  - Design and development of graphical user interfaces
  - Implementation of performance evaluation methods
- Supporting the preparation of teaching materials and administrative tasks
- Challenging work assignments
- Enhancing your skill set

### What we expect:

- A strong interest in quantitative modelling and optimizing
- Independent work style, creativity, availability to work in a team
- Fluency in English, German language skills are not required.
- Skills in (Java, C++, Python) are considered beneficial
- You have at least one year remaining enrolled at the University of Mannheim

### Did we spark your interest?

Please send your application with letter of motivation, CV, overview of previous academic achievements, etc. in written form or via email to the Chair of Production Management of the Business School by **October 15<sup>th</sup>, 2018**. University of Mannheim, Chair of Production Management Dr. Schwarz, 68131 Mannheim, E-Mail: [schwarz@bwl.uni-mannheim.de](mailto:schwarz@bwl.uni-mannheim.de)

Data protection: Please note that a breach of confidentiality and the unauthorized access by third parties cannot be excluded when transmitting an unencrypted email. Note on data protection: The submitted documents will be returned only if an envelope with sufficient postage is included. Otherwise they will be destroyed after the application process according to the requirements of the data protection law. Electronic applications will be deleted accordingly.