

Tobias Westbrook

aspiring Mathematician (diploma)

Duisburg, July 8th 2009



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Profile

Nationality: German - Marital status: single

Languages: German (native tongue), English (fluent), Spanish (basics)

Education

since 10.1998: Studies of Mathematics/branch of study: Technomathematics at the
Duisburg-Essen University with applied studies in mechanical engineering

1988-1997: Konrad Duden Gymnasium Wesel

Grade of university-entrance diploma: 1,4

Experience

Student trainee, IKB Deutsche Industriebank; Düsseldorf - 09.07 to 08.09

Working in risk control/price evaluation. Development of Access based database applications and Excel tools using VBA. General data processing with Access and Excel.

Participation in the project CARina, Duisburg-Essen University; Duisburg - 07.07 to 12.07

Research regarding „Vehicle Dynamics of Manoeuvre Trajectories and their Evaluation“ as part of the development of a driver assistant system for the evasion in emergency situations. Composition of a term paper in this context.

Tutor, Duisburg-Essen University; Duisburg & Essen – 04.06 to 07.07

Summer term: Conducting an exercise course for „Theoretical Informatics/Computer Science“.

Winter term: Conducting an exercise course for „Logic for Computer Scientists“.

Student assistant, Hagen distance university; Hagen – 03.05 to 03.06

Correction of exercises and written examinations of other students, for the department of Theoretical Informatics/Computer Science.

Student assistant, Duisburg-Essen University; Duisburg – 05.01 to 02.06

Correction and creation of practise and examination exercises for computer science students, amongst others for courses in: Operating Systems, Information Theory, Computer Construction & Programming Paradigms and Algorithms & Data Structures.

Civilian service, Käthe Kolwitzhaus; Bocholt – 1997 to 1998

Taking care of an eat-in kitchen in a home for the elderly and supporting the residents.

Skills

- Well acquainted with Apple systems using Mac OS X and Windows PCs since Windows 3.1.
- Job-related utilisation of Microsoft Excel and Access, as well as Word and VBA.
- Job-related experience with Bloomberg and Kondor+.
- Adapting board games using Java in spare time.
- Experienced in the application of Java (using IDE NetBeans) and the Java2D API.
- Also acquainted with the programming languages Pascal, C/C++, Matlab and MySQL.
- Proficient in HTML (some JavaScript & CSS) and web design by means of graphical programs.
- Knowledgeable about LaTeX and imaging programs (Corel Draw, Corel Photo Paint, Gimp).
- Some experience with DAZ3D's 3D figure design and animation tool DAZ Studio.