



ANDREA DIWALD

Me in a nutshell: A creative popcorn brain and nerd! I'm a fast learner and the limit is only the stars. My motto: There are no problems, just solutions. My attitude towards life is mirrored in my work style: I love challenges and rising to them.

Skills

Languages

German	●●●●●
English	●●●●●
Polish	●●●●●

Programming languages

C#	●●●●●
Python	●●●●●
Java	●●●●●
OpenGL	●●●●●
HTML5	●●●●●
C++	●●●●●
CSS	●●●●●
JavaScript	●●●●●
Matlab	●●●●●
SQL	●●●●●

Programs

Construct3	●●●●●
Unity	●●●●●
Visual Studio	●●●●●
Autodesk Maya	●●●●●
Affinity	●●●●●
Adobe	●●●●●
Photoshop	●●●●●
Adobe Premiere	●●●●●
Adobe Audition	●●●●●
MS Office	●●●●●

Soft skills

- ✓ Creative
- ✓ Honest
- ✓ Problem-solving
- ✓ Respectful
- ✓ Reliable
- ✓ Listening
- ✓ Detail oriented
- ✓ Empathic

Experience

- **Teacher and lecturer**
College of Engineering | 2012 - 2021
Teacher in software engineering, game development, media informatics, databases, and electronic data processing
- **Research assistant**
University of Technology | 2013
Programmer and tester at Project Smart: development of an Android-based signal processing application, which enables transfer of data through transmission of sound
- **Researcher**
VRVIs | 2018
Debugging and Problem-solving of Augmented Reality Applications with Unity and Oculus Rift
- **Tutor**
University of Technology | 2011 - 2015
Teaching and advising Multimedia (development of an Android game), Audio and Video Production, Multimedia Production (production of a short movie), Management of Software Projects, Real-Time Rendering
- **Project Management Office Assistant**
Siemens | 2008 - 2009
Several internships, responsibilities: office administration, project report, website creation, travel expense reports, meeting coordination, administration of tabular data using Excel and Access, Programming of Excel functionalities in VB

Education

- **Dog trainer education**
ATN | 2021 - Present
Thanks to my dog Freya I discovered my talent with training dogs and decided to start this part-time education. Expected degree July 2023.
- **Cake decoration classes**
Vienna | 2015 - Present
Various courses teaching modeling with fondant, creating 3D cakes, and airbrushing
- **Master studies "Multimedia and Game Engineering"**
University of Technology, Vienna | 2011 - 2022
Individual study degree, customized to the creative field of game development

Interests

Video Games :)

Especially RPGs, Strategy, Jump 'n' Runs, and basically everything Nintendo produces

Cake baking and decoration

Being creative and creating something tasty I can bring a sweet taste to work. ;)

Learning

I love to fill my database with new input.

Animals

Taking care of adorable creatures and training them is one of my big passions.

Contact

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Elemets of AI

University of Helsinki, Helsinki | 2022

Additional 2 ECTS course to update and deepen my knowledge about AI

Master studies "Game Engineering and Simulation"

University of applied sciences, Vienna | 2012 - 2015

developing of multiple casual games like "Pacman", "Connect Four" or "Lunar Lander" and a more complicated shoot'em up game using Unity (see the Media section at my web page)

Siggraph

Vancouver | 2018

Exploring the newest developments in the fields of computer graphics, games, and animation

Second Term abroad

British Columbia Institute of Technology, Vancouver | May - Aug 2014

Courses: Audio and Video editing, Web development; passed with flying colors

Internship

National Institute of Informatics, Tokyo | Aug 2013

One-month unpaid internship, developing a level editor using Unity for the quantum computer game "Mequanics" (<http://www.h-bar.com.au/mequanics>)

First Term abroad

Fairleigh Dickinson University, Vancouver | 2011

Courses: English Composition, Web development, History of IT; passed with flying colors

Bachelor studies "Media informatics"

University of Technology, Vienna | 2008 - 2011

I specialized in the field of computer graphics and game development.

Achievements

Cake Decoration Awards



I got multiple Silver and Bronze awards at various cake competitions like "Kuchenmesse Wels" and "Kreativmesse Wien". My work was pointed out as being very alive-like.

Excellence scholarship



Due to having so good grades, I was awarded for being one of the best 100 students of the University of Technology in Vienna.

1st place at "Red Button Film Festival"



First price for my short movie clip about teenagers at the "Red Button Film Festival" at school (GRG15 Auf der Schmelz)