

Aneta Texler

PERSONAL DATA

Place of stay: San Jose, California, USA
Date of birth: 3rd June 1992
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EDUCATION

Master degree study (MSc) **9/2017 – 6/2019**

Computer Science, Faculty of Information Technology, Czech Technical University in Prague.
Master Thesis: Example-based Style Transfer to Facial Animations on Mobile Devices.

Bachelor degree study (BSc) **9/2011 – 6/2017**

Computer Science, Faculty of Information Technology, Czech Technical University in Prague.
Bachelor Thesis: Feasibility Study of Biometric System Implementation in Business.

PROFESSIONAL EXPERIENCE

Research Engineer, CTU in Prague, Czechia **7/2019 – 2/2021**

Research & Development. Working on several computer graphics research projects resulting in two publications; focused mainly on texture synthesis and style transfer. Developing algorithms in C++, and a prototype mobile application for Android in Java. Participating in writing of technical papers.

Data Specialist, CRIF - Czech Credit Bureau a.s, Prague, Czechia **8/2016 – 6/2019**

Software & Database Development. Developing web scrapers in C#, parsing and importing obtained data into a database. Writing SQL scripts, designing databases, working with Visual Studio and SQL Server Management Studio.

JOURNAL PUBLICATIONS

A. Texler, O. Texler, M. Kučera, M. Chai, and D. Sýkora: **FaceBlit: Instant Real-time Example-based Style Transfer to Facial Videos**. In *Proceedings of the ACM in Computer Graphics and Interactive Techniques*, 4(1) (I3D'21, April 2021)

F. Hauptfleisch, O. Texler, **A. Texler**, J. Krivánek, and D. Sýkora: **StyleProp: Real-time Example-based Stylization of 3D Models**. In *Computer Graphics Forum*, 39(7):575–586 (PG'20+21, Wellington, New Zealand, 2021)

COMPUTER
SCIENCE &
PROGRAMMING
SKILLS

Academic / Research & Development

2 year of conducting research and publishing of scientific papers.

Computer Graphics / Computer Vision

2 years of academic and practical experience (OpenCV, CUDA).

Data Science / Data Mining / Machine Learning

2 years of practical and theoretical experience.

Software Development

4 years of practical experience.

C/C++

5 years of practical experience.

C#

3 years of practical experience.

.NET Framework, LINQ, Entity Framework, ASP.NET.

Java, Android

2 years of practical experience, including NDK, JNI.

Python

2 years of practical experience.

Web crawling, Data Mining, Machine Learning, Scikit-learn, Pandas, NumPy, Beautiful Soup.

HTML, CSS, JavaScript

3 years of practical experience.

Bootstrap, MDB, Angular.

NATIONAL
LANGUAGES

Czech language: *Native speaker*

English language: *Advanced*

German language: *Beginner*