

ANTONIN SMID

PERSONAL INFORMATION

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EDUCATION

2017-current **Baylor University, Waco, TX**
Master's Degree GPA: 4.0 · School of Engineering and Computer Science

2013-2017 **Czech Technical University, Prague**
Bachelor's Degree Graduated with Honors · Faculty of electrical engineering
Program: *Software engineering and management, Web and Multimedia*
Thesis: *Comparison of Unity and Unreal Engine*
Advisor: doc. Ing. Jiri BITTNER, Ph.D.

WORK EXPERIENCE

2017-current **Software Developer, ICPC LAB**
icpc.baylor.edu Full Stack development and maintenance of the **ICPC competition** management system. Main technologies JavaEE and React.
Reference: Tomas CERNY, Ph.D. · tom.cerny@acmicpc.org
Jeff DONAHOO, Ph.D. · Jeff.Donahoo@baylor.edu

2015-2017 **VR developer, Co-Founder, JTT KARLIN, s.r.o.**
JTTKarlin.cz Funded JTT Karlin start-up as a multimedia student initiative. We have produced visualizations and VR experiences for architecture studios in Prague. We have been also delivering design, photo and live video services for Retail Con - the largest conference about Shopping&Retail in Czech and Slovakia.

2015-2017 **Video producer, PHANTOM CYBERNETICS INC.**
PhantomAR.com Produced visual effects and 3D content for Phantom AR campaign.
Reference: Mirek BURKON · mirek@phantomar.com

2014-2016 **Postproduction Supervisor, INFOBADEN TV**
Infobaden.cz, Stream.cz Designed complete visual identity for satiric Infobaden News show running at Stream.cz, for two seasons took responsibility of the studio setup (lighting, greenscreen, multi-camera) and video postproduction (infographics, keying, VFX, color corrections, retouching).
Reference: Josef SADAR · redakce@infobaden.cz

2010-2015 **Videographer and animator, ENERGYSIM, s.r.o**
Energysim.cz Designed animated logos for client's products and produced video spots.
Reference: Petr KOTEK, Ph.D. · petr.kotek@energysim.cz

2011 - 2013 **3D Modeler, BOHEMIAN MULTIMEDIA, s.r.o.**
3Bohemians.eu Prepared props for CGI 3D animated shorts Rabi Low and award winning Wildlife Crossing. Also participated in summer Anomalia Maya Masterclass.
Reference: David TOUSEK · david@3bohemians.eu

RECENT ACADEMIC PROJECTS

<i>Baylor University</i>	<i>Fall 2018</i>	MyICPC₃ MyICPC is a second screen app for ICPC contests. The task is to redesign existing monolithic application into micro-services with high accent on scalability and implement new JS frontend. Stack: SpringBoot on Kubernetes, React, Redis
<i>Baylor University</i>	<i>Spring 2018</i>	Gesture Recognition Implementing gesture recognition algorithms on Leap Motion 3D skeleton data as part of the Machine Learning class.
<i>Czech Technical University</i>	<i>Fall 2018</i>	The Pacman Benchmark Developed game engine benchmark using a scalable 3D reimplementaion of the classical Pacman game. Presented the results evaluated in the Unity and Unreal game engines on PC, laptop, mobile and in VR at CESCg conference.

SKILLS

<i>Development</i>	Java&Spring, React, Hibernate, PostgreSQL, HTML, CSS GOF design patterns; JBoss/Wildfly, mvn, npm, git
<i>Graphics</i>	Adobe Photoshop, Illustrator, Premiere, After Effects Blender 3D, Unity (C#), Unreal Engine

AWARDS

<i>UPE</i>	2018 Upsilon Pi Epsilon Scholarship - Academic Achievement Award
<i>CESCg Conference</i>	Best video award, 3rd Best Presentation Award 2017 Central European Seminar on Computer Graphics

OTHER

<i>Organizations</i>	since 2015 · Upsilon Pi Epsilon, Prague Chapter
<i>Volunteer Experience</i>	2018 · ICPC Services volunteer at ICPC World Finals at Beijing. since 2017 · Kappa Weekends - organizing adventurous events for teenagers. 2014 - 2017 · Camp Leader at Tabor Jana Amose Komenskeho v Belci n. Orlici. 2009 - 2017 · South Bohemian Youth Advisory Board Protestant Church of Czech Bretheren.
<i>Languages</i>	English, Czech
<i>Interests</i>	Photography · Piano · Guitar · Saxophone

March 31, 2019