

Xichen Zhou

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Github: xeechou | LinkedIn: xeechou | Website: xeechou

EDUCATION

MASTER IN COMPUTER SCIENCE | CONCORDIA UNIVERSITY

Sept 2015 - June 2017 | Montreal, Quebec | Major: GPA: 4.05

BACHELOR IN COMPUTER SCIENCE | NORTH CHINA UNIVERSITY OF SCIENCE AND TECHNOLOGY

Sept 2011 - June 2015 | China | Major: GPA: 3.23

SKILLS

GOOD AT:

Linux • C++ • OpenCV • OpenGL • C • Qt • Unity-C# • Python • \LaTeX • Emacs-Lisp • MySQL • JavaScript

LANGUAGES:

Mandarin(Native) • English(Excellent) • Français(intermédiaire)

EXPERIENCE

R&D DEVELOPER | GAMELOFT MONTREAL

August 2017 - present | Montreal, QC

Joined the force of Gameloft Montreal Research and Development team for computer vision research projects. I am currently assigned to a robotic vision project and playing the key part of vision solutions.

COMPUTER VISION RESEARCH ASSISTANT | THE ICT LAB

Jan 2016 – August 2016 | Montreal, QC

Dr.Poullis recruited me at The ICT lab. I am the driving force behind the research project "Automatic 2D to Stereoscopic Video Conversion for 3D TVs". This is a VR related project which automatically converts 2D videos into 3D videos.

TEACHING ASSISTANT | CONCORDIA UNIVERSITY

Sept 2016 – August 2017 | Montreal, QC

Computer Vision; Winter 2017.

Computer Graphics and Database; Marker; Fall 2016.

SOFTWARE ENGINEERING INTERN | REDHAT SOFTWARE

Jan 2015 – June 2015 | Beijing

Developing the internal toolkit for QEs in Python, also helping discovering and reporting bugs for QA team.

SELECTED PERSONAL PROJECTS

- taiwins A morden window manager using Wayland protocol.
- GLEasier Framework allows to start in OpenGL with a few lines code.
- makeblogs Blogger generator ported from makedocs.
- yacalib Yet Another camera calibrator using OpenCV

ACADEMIC ACTIVITIES

- 2017 Invited speaker at the Conference 3DTV-CON.
- 2016 Invited speaker at the Conference IDEAs.
- 2014 Second price in Asian Pacific Mathematics Contest in Modeling, As a team of three, we worked on modeling for the simulation of a rocket launch, its launch trajectory, and optimizing the cost.

SELECTIVE PUBLICATIONS

AUTOMATIC 2D TO STEREOSCOPIC VIDEO CONVERSION FOR 3D TVS

Xichen Zhou, Bepin C.Desai, Charalambos Poullis, 2017