

# Jianqiang Ding

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JianqiangDing



## Education

- Sept 2017 **Master of Science in Computer Technology**  
–June 2020 **Shenzhen University, China**  
Supervised by Prof. Hui Huang
- Aug 2011 **Bachelor of Science in Energy and Power Engineering**  
–July 2015 **Harbin Engineering University, China**  
Supervised by Prof. Hechun Wang

## Work Experience

- July 2020 **Visual Computing Research Center at Shenzhen University, China**  
–Now Research Assistant  
Develop an algorithm for wire sculpture creation
- Sept 2018 **Institute of Software Chinese Academy of Sciences, China**  
–Nov 2018 Research Intern  
Development of interval arithmetic based reach-ability analysis framework designed for hybrid automata
- Apr 2017 **Visual Computing Research Center at Shenzhen University, China**  
–Sept 2017 Research Intern  
Develop a method to produce image mosaic
- Sept 2015 **Chinese Institute of Marine & Offshore Engineering HB Co., Ltd, China**  
–July 2016 Engineer

## Publications

Discernible Image Mosaic with Edge-aware Adaptive Tiles (**CVM2019**)  
Pengfei Xu, **Jianqiang Ding**, Hao Zhang, Hui Huang

## Software

IraFhy Interval arithmetic based reachability analysis framework designed for hybrid automata

## Awards and Honours

- 2019-2020 Shenzhen University Academic Scholarship, Second-class  
2018-2019 Shenzhen University Academic Scholarship, Second-class  
2017-2018 Shenzhen University Academic Scholarship, First-class  
Spring 2014 Excellent Student Scholarship, Third-class  
2012-2013 Excellent staff of Science and Technology Association, Harbin Engineering University  
Oct 2012 The “May Fourth Cup” College Students’ Extracurricular Academic Science and Technology Contest, Third-class

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## Service

### Volunteer

July 2019 Visual Computing Summer School at Shenzhen University

July 2018 Visual Computing Summer School at Shenzhen University

### Teaching

Sept 2018 Computer Graphics at Shenzhen University

–Jan 2019 Instructor: Dr. Pengfei Xu

Teaching Assistant

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## Activity

Aug 2019 Summer School on Formal Methods at Institute of Software Chinese Academy of Sciences, China

Apr 2019 International Conference on Computational Visual Media at University of Bath, UK

Attend and present the paper "**Discernible Image Mosaic with Edge-Aware Adaptive Tiles**"

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## Technical Skills

Programming **C/C++**, **Python**, Matlab,  $\text{\LaTeX}$ , CMake

Technologies Eigen, libigl, OpenCV, OpenMP, Antlr, Doxygen, Numpy, Scipy, GoogleTest, Github, Pytorch, graph-tool, igraph, Markdown

Tools Linux, Blender, 3Ds Max