

JIAN YANG

Yuquan Campus, Zhejiang University, Hangzhou, 310027, P.R. China

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EDUCATION

Zhejiang University, Hangzhou, China

Sept.2014-present

- B.Eng. in Computer Science and Technology
- Honours degree in two-year's Intensive Training Program of Innovation and Entrepreneurship (40 students selected from 5,000)

SCHOLARSHIPS & HONORS

Academic Scholarship for Excellent Students (top 20% from 720)

Sept.2015

Honor of 'University Excellent Student' (top 15%)

Sept.2015

Honor of 'University Excellent Leader'

Sept 2015

Honor of 'Five-star Volunteer' (volunteer work for 300+ hours)

May.2017

RESEARCH EXPERIENCE

Knowledge Foundation AstaMoCA Research Project, School of Information Technology and Engineering, Halmstad University, Sweden

Research Assistant, Advisor: Professor Walid Taha

Jul.2017-Oct.2017

- Improved the precision of rigorous simulation for hybrid (continuous/discrete) systems
- Proposed a design that addressed bottlenecks and implemented it in the Acumen code base

Computer Vision Laboratory, Ningbo Institute of Industrial Technology, Chinese Academy of Science, Ningbo, China

Summer Intern, Advisor: Doctor Jiangjian Xiao

Jul.2016-Sept.2016

- Assisted in a camera real-time 3D modeling tool development
- Perform analysis of existing tools OpenGL, OSG, SketchUp, integrated OpenGL, OSG and SketchUp SDK, implemented model transfer from SketchUp to OpenGL/OSG
- Developed a 3D manual modeling tool in OpenGL environment

Student Research Training Program, Zhejiang University, China

Core Member, Advisor: Doctor Hongzhi Wu

May.2016-Apr.2017

- Performed a 3D reconstruction tool from photos with few camera parameters
- Analyzed open-source code like Bundler, PMVS, CMVS, etc., integrated and executed open-source tools, implemented auto-calibration of camera and reconstruction with few camera parameters

Mini Database composed of 6 modules, Zhejiang University, China

Group Member, Advisor: Professor Jianlin Sun

Apr.2016-Jun.2016

- Programmed interpreter of SQL language, internal data structure, and data records management
- Implemented the API of 6 modules
- Debugged, revised and improved the whole system

Stock analog trading system, Zhejiang University, China

Group Leader, Advisor: Professor Yusheng Liu

Apr.2017-Jul.2017

- Organized discussions between 4 group leaders and planned the schedule
- Led a group of 6, responsible for the development transactions settlement and results display
- Presented the design and implementation in front of teachers and students

ACTIVITIES

Red Cross Student Association, Zhejiang University, China

Director

Jun.2015-Jun.2016

- Led the funding department, organized weekly meeting and planned activities
- Organized Campus Book Charity Bazaar two times (2015.09, 2016.04), which raised \$6700 in total
- Given financial aid to more than 10 students and faculties

Engineering Summer Camp for Elite Students, The Hongkong University of Science and Technology, Hongkong, China

Member

Jul.2017-Jul.2017

- Worked with students from different countries
- Participated in several group discussion and workshop

SKILLS

Computer: C, C++, Java, Scala, Python, Assembly Language, Matlab, SQL, Git

Interests: reading technology blogs, watching new product announcement conference, doing experiments with new knowledge, playing basketball