

JIAN YANG

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EDUCATION

Zhejiang University, College of Computer Science and Technology, Hangzhou, China *Sep.2014-present*

- B.Eng. in Computer Science and Technology, expected in June 2018
- GPA: 3.84/4
- Honours degree in the two-year Intensive Training Program of Innovation and Entrepreneurship (40 students selected from 5,000)

HONORS & AWARDS

Scholarship for Outstanding Students (top 15%) *Sep.2015*
Excellent Student Honor (top 15%) *Sep.2015*
Excellent Student Leader Award *Sep.2015*
Five-Star Volunteer (volunteer work for over 300 hours) *May.2017*

RESEARCH EXPERIENCE

Knowledge Foundation AstaMoCA Research Project, Halmstad University, Halmstad, Sweden *Jul.2017-Oct.2017*
Research Assistant, Advisor: Professor Walid Taha

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

Computer Vision Laboratory, Ningbo Institute of Industrial Technology, Chinese Academy of Science, Ningbo, China *Jul.2016-Sep.2016*
Summer Intern, Advisor: Doctor Jiangjian Xiao

- Assisted in developing a real-time 3D modeling tool of cameras
- Performed analysis of existing tools such as OpenGL, OSG, SketchUp, integrated OpenGL, OSG and SketchUp SDK, implemented model transformation from SketchUp to OpenGL/OSG
- Developed a 3D manual modeling tool in the OpenGL environment

Student Research Training Project, Zhejiang University, Hangzhou, China *May.2016-Apr.2017*
Core Member, Advisor: Doctor Hongzhi Wu

- Analyzed open-source codes like Bundler, PMVS, CMVS, etc., implemented auto-calibration of the camera, executed 3D modeling reconstruction with few camera parameters

Mini Database Composed of 6 Modules, Zhejiang University, Hangzhou, China *Apr.2016-Jun.2016*
Group Member, Advisor: Professor Jianlin Sun

- Programmed the interpreter of SQL instructions, the internal data structure, and the manager of data records
- Implemented the API of 6 modules, debugged, revised and improved the whole system

Stock Analog Trading System, Zhejiang University, Hangzhou, China *Apr.2017-Jul.2017*
Group Leader, Advisor: Professor Yusheng Liu

- Coordinated group leader discussions, led a group in developing transactions settlement and results display

ACTIVITIES

Red Cross Student Association, Zhejiang University, Hangzhou, China *Jun.2015-Jun.2016*
Director of the Funding Department

- Organized weekly meetings and planned activities, supervised training of members
- Organized two Campus Book Charity Bazaars to raise a fund of \$6700
- Managed the financial aid for over 10 students and faculty members

Engineering Summer Camp for Elite Students, The Hongkong University of Science and Technology, Hong Kong *Jul.2017-Jul.2017*
Participant

- Worked with international students to study the development trends of a variety of engineering technologies
- Participated in workshops, designed and made a toy car

SKILLS

Computer: C, C++, Java, Scala, Python, Assembly Language, Matlab, SQL, Git
Interests: reading blogs of technology, watching conferences for new product announcement, playing basketball