

JIAN YANG

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EDUCATION

Zhejiang University	Hangzhou, China
B.Eng. in Computer Science and Technology (expected June 2018)	Sep 2014 – Present
<ul style="list-style-type: none">Overall GPA: 3.84/4.0; Third year GPA: 3.99/4.0Honors degree in Intensive Training Program of Innovation and Entrepreneurship (<10% acceptance rate)	

HONOURS & AWARDS

Academic Scholarship (top 15%)	2015, 2017
Excellent Student Honor (top 15%; awarded for outstanding overall performance)	2015, 2017
Excellent Student Leader Award	2015
National Encouragement Scholarship	2015, 2017
Five-star Volunteer Award (for completing over 250 hours of volunteer work)	2017

WORK AND RESEARCH EXPERIENCE

Halmstad University, Department of Computer Science	Halmstad, Sweden
Research Assistant to Professor Walid Taha	Jul 2017 – Oct 2017
<ul style="list-style-type: none">Improved the precision of rigorous simulation for hybrid (continuous/discrete) systems in the Acumen code baseAdded a new function to implement the concurrent simulation; proposed a solution for the problem of over-approximation, allowing for testing of more complex situations like concurrencyCo-authored a paper on <i>Unifying Non-Determinism and Randomness</i>	
Ningbo Institute of Industrial Technology, Chinese Academy of Science	Ningbo, China
Summer Intern, Computer Vision Laboratory	Jul 2016 – Sep 2016
<ul style="list-style-type: none">Performed analysis of and integrated existing tools such as OpenGL, OSG, SketchUp; implemented model transformations from SketchUp to OpenGL/ OSGDeveloped a 3D manual modeling tool in the OpenGL environment, allowing translation, scaling and rotation	
Student Research Training Project	Hangzhou, China
Group Member, Department of Computer Science, Zhejiang University	May 2016 – Apr.2017
<ul style="list-style-type: none">Analyzed open-source codes including Bundler, PMVS, CMVS, etc.; implemented auto-calibration of the camera; executed 3D modeling reconstruction with few camera parameters	
Database System Project	Hangzhou, China
Group Member, Department of Computer Science, Zhejiang University	Apr 2016 – Jun 2016
<ul style="list-style-type: none">Collaborated with 2 other students and developed a mini database composed of 6 modules: Interpreter, Record Manager, Index Manager, Catalog Manager, Buffer Manager and DB FilesProgrammed the Interpreter, the Record Manager; devised the internal data structure in C++Implemented the API; debugged, revised and improved the whole system with Visual Studio 2015	
Stock Analog Trading System Project	Hangzhou, China
Group Leader, Department of Computer Science, Zhejiang University	Apr 2017 – Jul 2017
<ul style="list-style-type: none">Coordinated group leader discussions; led a group in developing transaction settlement and result display	

LEADERSHIP AND COMMUNITY ACTIVITIES

Red Cross Student Association	Hangzhou, China
Director of Funding Department	Jun 2015 – Jun 2016
<ul style="list-style-type: none">Organized weekly meetings and planned activities (including two Campus Book Charity Bazaars, which raised \$6700); supervised training of new membersManaged the financial aid for over 10 students and faculty members	
The Hong Kong University of Science and Technology	Hong Kong, China
Participant	Jul 2017 – Jul 2017
<ul style="list-style-type: none">Invited to attend the week-long Engineering Summer Camp for Elite StudentsWorked with international students to study the development of engineering technologies, including Water Treatment, Solid Waste, Sight, Big Data, etc.Participated in Robotic workshops; designed and made a toy car controlled by programming in a team of 5	

ADDITIONAL INFORMATION

- Computer: C, C++, Java, Scala, Python, Assembly Language, MATLAB, SQL, Git
- Interests: Playing basketball; reading about technology, particularly blogs