

# Jidong (Tom) Sun

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## EDUCATION

### **Bachelor of Science in Computer Engineering, Minor in Communication Studies**

*Iowa State University, Ames, IA*

- GPA: 3.98

Expected Graduation: Spring 2022

## SKILLS PROFILE

- Angular, Spring, JAVA, C, C++, HTML, VHDL
- Android Studio, Arduino, KiCad, AWS, Git
- Fluent in Chinese

## Work History

### **Advanced Software Engineering Intern**

May. 2020 – Aug. 2020

*Kingland Systems Corp., Ames, IA*

- Worked full stack on production projects using Spring, Angular, AWS, and Git
- Utilized communication skills to collaborate with teammates across countries
- Completed trainings to produce and review secure and maintainable code
- Followed guidelines to handle confidential and sensitive information

### **International Student Orientation Leader**

Aug. 2019 – Jan. 2020

*ISSO, Iowa State University, Ames, IA*

- Led groups of students through orientation activities
- Worked with other ISSO staffs to ensure orientation events go smoothly
- Resolved any questions and issues for students using problem solving skills

### **Academic Tutor**

Aug. 2019 – Dec. 2019

*Student Success Center, Iowa State University, Ames, IA*

- Led small group tutoring sessions with students of different academic abilities
- Communicated with students individually to assess and reach goals
- Planned and presented course materials and practice problems

## EXPERIENCE & PROJECTS

### **Avionics Hardware Design Lead, Cyclone Rocketry**

Oct. 2018 - Present

- Coordinate and manage two-semester-long projects
- Create training materials and design process guidelines to improve team productivity
- Design, manufacture, and test modular flight control hardware using KiCad
- Research and implement Kalman Filters to reduce sensor signal noises

### **Web Master, Treasurer – International Student Council, Iowa State University**

Aug. 2019 - Present

- Communicate with committees and aid in creating event advertisements and updates
- Administer and maintain ISC website applying previous knowledge

### **FHP Leader – University Honors Program, Iowa State University**

Aug. 2019 – Dec. 2019

- Co-led a biweekly seminar for 13 high-ability students
- Facilitated critical discussions, coordinated group activities, and presented lectures
- Mentored students using interpersonal communication skills
- Attended weekly training in leadership, conflict management, and personal strengths

## ACADEMIC INVOLVEMENT

### **Research - Local Temporal Compression for (Globally) Evolving Spatial Surfaces**

Jan. 2019 – Oct. 2019

- Use problem solving skills to solve interdisciplinary problems
- Published in *International Conference on Big Data Analytics*, Ahmedabad University, India

### **University Honors Program – Iowa State University, Ames, IA**

Aug. 2018 – Present

- Gavin Jerome's Comedy College
- Peer Adviser