

# YIMIN ZHU

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## EDUCATION

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<b>Stony Brook University</b> <i>Ph.D student in Computer Science</i>	Jan 2020 - Current
<b>Stony Brook University</b> <i>M.S. in Computer Science</i>	Jan 2018 - Dec 2019
<b>Stony Brook University</b> <i>B.S. in Mathematics and Computer Science</i>	Jan 2011 - May 2016

## WORK EXPERIENCE

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<b>Software Engineer</b> <b>Panoramah! America</b>	Nov 2016 - Dec 2017 Farmingdale, NY
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- Migrated a 3D residential windows building project from **VBA** to **C#** for factory use in industry. Decreased line of codes into half and significantly reduced the effort to add feature with modular design.
- Constructed a server on a high performance machine to build 3D window models upon requests and upload to cloud drive automatically. Saved **50%** of the time for a mechanical drafter to construct a typical unit and **75%** of the time of constructing a complicate unit.
- Moved the building and compiling of 3D model from client side to server side and simplified the input for building a window. Ensured the sales officers to show clients a 3D model view in 2 minutes without professional knowledge of 3D modeling.

## PUBLICATIONS

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- **Yimin Zhu**, and Simon S. Woo. "Adversarial Product Review Generation with Word Replacements." Proceedings of the 2018 ACM SIGSAC Conference on Computer and Communications Security. ACM, 2018.

## VOLUNTEERS

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<b>Instructor</b> <b>China House and AAH-I</b>	Jun 2019 - Sep 2019 Online
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- Teach students how to build a shopping website for Action Africa Help International (AAH-I) to sell the handcrafts and share the stories of the makers from Kauma Refugee Camp in **HTML**, **CSS**, **JavaScript**.
- More than **90%** of the student gave **5/5** rating.

## EXTRACURRICULAR ACTIVITIES

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<b>Teaching Assistant</b> , Analysis of Algorithms	Spring 2015, Spring 2019, Fall 2019
<b>Teaching Assistant</b> , Introduction to the Theory of Computation	Spring 2018
<b>Teaching Assistant</b> , Introduction to Object-Oriented Programming	Spring 2019