

Stephen Shang Yi Liu

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Education

Case Western Reserve University <i>M.S. Mathematics</i>	Cleveland, Ohio <i>2018–2020</i>
Case Western Reserve University <i>B.S. Applied Mathematics</i>	Cleveland, Ohio <i>2016–2020</i>
Chinese International School <i>I.B. Diploma</i>	Hong Kong, Hong Kong S.A.R. <i>2009–2016</i>

Honors, Awards and Scholarships

Case Western Reserve University <i>Phi Beta Kappa Award</i> Awarded to sophomores with highest grade point average.	<i>Spring 2018</i>
Case Western Reserve University <i>Dean's High Honors</i>	<i>2016–Present</i>
Chinese International School <i>Konberg Ngai Award for Bilingual Excellence</i>	<i>Spring 2016</i>

Skills

Languages: Fluent in English, Putonghua and Cantonese

Programming: Proficient in Java, Python, Arduino and Javascript

Projects and Research

Case Western Reserve University <i>Undergraduate Researcher</i> Learned about Category Theory, Monoidal Categories and Topological Quantum Field Theory	<i>Summer 2018</i>
The Momentum Group <i>Software Development Intern</i> Developed chatbots using Node.js and Microsoft Botbuilder Framework for integration into WeChat Messenger. Built in-house chatbot administration system for on-demand creation of new chatbots with custom conversation trees.	Guangzhou, China <i>Summer 2017</i>

Teaching and Leadership

Case Western Reserve University

Supplemental Instruction Leader

Spring 2017–Spring 2018

Taught supplemental sessions for students in EECS 233: Introduction to Data Structures and Algorithms that reinforced course content for students. Only freshman hired Spring 2017

The Cleveland Church, Alpha Omega Campus Ministry

Bible Talk Leader

2016–Present

Planned, publicized and led Bible discussions at Cleveland State University and Case Western Reserve University

References

Case Western Reserve University

Nick Gurski, Assistant Professor, Department of Mathematics, Applied Mathematics and Statistics

Academic Reference

The Cleveland Church

Ryan A. Painter, Minister

Spiritual Reference

Case Western Reserve University

James Eller, Educational Student Services

Professional Reference

The Momentum Group

Jenkin Richard, Awesome Dude

Professional Reference