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RESEARCH INTERESTS

I do research on the area of programming languages with a focus on modularity and DSLs.

EDUCATION

PhD. Computer Science <i>The University of Hong Kong</i> Supervisor: Bruno C. d. S. Oliveira	2017-present
MPhil. Computer Science <i>The University of Hong Kong</i> Supervisor: Bruno C. d. S. Oliveira Co-supervisor: Francis C. M. Lau Thesis: <i>Extensible Domain-Specific Languages in Object-Oriented Programming</i>	2014-2016
BEng. Software Engineering <i>Xidian University</i>	2010-2014

PUBLICATIONS

4. **Weixin Zhang**, Bruno C. d. S. Oliveira, “Shallow EDSLs and Object-Oriented Programming: Beyond Simple Compositionality”, In *Volume 3, Issue 3 of The Art, Science, and Engineering of Programming*, 2019. **Editor’s Choice Award!**
3. **Weixin Zhang**, Bruno C. d. S. Oliveira, “Pattern Matching in an Open World”, In *GPCE*, 2018.
2. **Weixin Zhang**, Bruno C. d. S. Oliveira, “EVF: An Extensible and Expressive Visitor Framework for Programming Language Reuse”, In *ECOOP*, 2017.
1. Tomas Tauber, Xuan Bi, Zhiyuan Shi, **Weixin Zhang**, Huang Li, Zhenrui Zhang, Bruno C. d. S. Oliveira, “Memory-efficient Tail Calls in the JVM with Imperative Functional Objects”, In *APLAS*, 2015.

SERVICES

- External reviewer for ECOOP 2019, ICFP 2019, APLAS 2017, GPCE 2017, SLE 2016, Scala 2015
- Student volunteer for APSys 2016, Programming 2019

EXPERIENCE

Research Assistant

2015-2016

The University of Hong Kong

Teaching Assistant

The University of Hong Kong

- COMP7506: Smart Phone Apps Development, 2017, 2018
- COMP3258: Functional Programming, 2015
- COMP2123: Programming Technologies and Tools, 2015

AWARDS

- Editor's Choice Award for the paper "Shallow EDSLs and Object-Oriented Programming: Beyond Simple Compositionality"
- Nominee for the *Li Ka Shing Prizes* and the *Awards for Outstanding Research Postgraduate Student* 2016-2017
- Scholarship for PLMW & ICFP 2016
- Scholarship for SPLASH 2018