# Bowen Xu

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## Areas of specialization

Mining Software Repository
Program Analysis

## Education

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|---|---|
| **2017-Present** | PH.D CANDIDATE in School of Information System, Singapore Management University, Singapore |
| **2014-2017** | MASTER DEGREE in School of Software Technology, Zhejiang University, China |
| **2010-2014** | BACHELOR DEGREE in College of Computer Science and Technology, Hunan City University, China |

## Publications

**Conference Papers**

**ASE'17**  **Bowen Xu**, Zhenchang Xing, Xin Xia, David Lo. "AnswerBot - Automated Generation of Answer Summary to Developers' Technical Questions". *32nd IEEE/ACM International Conference on Automated Software Engineering (ASE 2017)*. Accepted as a Full Paper.

**ASE'16**  **Bowen Xu**, Deheng Ye, Zhenchang Xing, Xin Xia, Guibin Chen, Shanping Li. "Predicting Semantically Linkable Knowledge in Developer Online Forums via Convolutional Neural Network". *31st IEEE/ACM International Conference on Automated Software Engineering (ASE 2016)*. Accepted as a Full Paper.

**ASE'16**  Guibin Chen, Chunyang Chen, Zhenchang Xing, **Bowen Xu**. "Learning Dual-Language Vector Space for Domain-specific Cross-Lingual Question Retrieval". *31st IEEE/ACM International Conference on Automated Software Engineering (ASE 2016)*. Accepted as a Full Paper.

**MSR'16**  **Bowen Xu**, Zhenchang Xing, Xin Xia, David Lo, Qingye Wang, Shanping Li. "Domain-Specific Cross-Language Relevant Question Retrieval". 13th International Conference on Mining Software Repositories (MSR 2016). Accepted as a Full Paper. (Invited to Empirical Software Engineering Journal)

**ICECCS'15**  Yun Zhang, David Lo, Xin Xia, **Bowen Xu**, Jianling Sun, Shanping Li. "Combining Software Metrics and Text Features for Vulnerable File Prediction". 20th International Conference on Engineering of Complex Computer Systems (ICECCS 2015). Accepted as a Full Paper

**APSEC'15**  **Bowen Xu**, David Lo, Xin Xia, Ashish Sureka, Shanping Li. "EFSPredictor: Predicting Configuration Bugs With Ensemble Feature Selection". 22th Asia-Pacific Software Engineering Conference (APSEC 2015). Accepted as a Full Paper

**Journal Papers**

**EMSE'17**  **Bowen Xu**, Zhenchang Xing, Xin Xia, David Lo, Shanping Li. "Domain-Specific Cross-Language Relevant Question Retrieval". Empirical Software Engineering (EMSE). Accepted.

**Tool Demo Papers**

**ESEC/FSE'17** **Bowen Xu**, Zhenchang Xing, Xin Xia, David Lo. "XSearch: A DomainSpecific Cross-Language Relevant Question Retrieval Tool". 11th joint meeting of the European Software Engineering Conference and the ACM SIGSOFT Symposium on the Foundations of Software Engineering. Accepted as a tool demo paper.

## Grants, honors & awards

**2017** Excellent Graduate of Zhejiang Province, Ministry of Education of the People's Republic of Zhejiang Province (top3%), China,

**2014** Scholarship of State Street (top5%), State Street Corp, U.S.A

**2012** National Scholarship (top3%), Ministry of Education of the People's Republic of China, China