

CONTACT INFORMATION	570 Park Ave, Apt 8D New York, NY 10065 USA	516 800 3933 github.com/hyeyoungshin hyeyoungshinw@gmail.com
INTRODUCTION	Avid programmer, passionate about developing algorithms for solving complex problems and learning new technologies. Two years of post-masters experience developing large software systems and open source libraries. Eager to combine fashion and technology.	
EDUCATION	Northeastern University. MS in Computer Science Advisor: Prof. Amal Ahmed	2017–2019
	University of Hawai‘i, Mānoa. Course work in mathematics and computer science	2016–2017
	Iowa State University. Course work in mathematics and computer science	2014–2016
	Kyeongpook National University. Bachelor of Arts, English Language and Literature	2004–2009
WORK EXPERIENCE	Research intern at Programming Research Laboratory, Czech Technical University BigCode: Scalable Analysis of Massive Code Bases (with Professors C. Kirsch and J. Vitek) Built a framework and open source library for analyzing R programs and inferring function types	2019–2021
	Teaching Assistant at FIT, Czech Technical University Taught recitation and exercise sessions for OOP design concepts (Instructor Filip Krikava)	Fall 2020
	Research Assistant at Programming Research Laboratory, Northeastern University Research in compiler verification with Professor Amal Ahmed	Fall 2018
	Teaching Assistant at Iowa State University Cotaught weekly recitations for Java data structures course (Professor Yan-Bin Jia)	Fall 2015
LANGUAGES	R. Developed an open source library for analyzing programs and fuzzing values, performed data transformation and visualization using RStudio and tidyverse (source code). Java. Developed a number of business applications including language popularity ranking by collecting and analyzing stackoverflow data. C/C++. Built a dynamic tracer which instruments the execution of R programs with customized hooks in C (source code). Other. Python, Scala, Git, Spark, Hadoop, L ^A T _E X, Docker, Coq	
HONORS	Northeastern University Ph.D. Graduate Fellowship Scholarships to attend Oregon Programming Languages Summer Schools	Boston, 2017–2018 Eugene, 2016, 2017
LEADERSHIP	Organizer of <i>PL Jr. Study & Research Group</i> , Northeastern University	2018–2019
REFERENCES	Jan Vitek The Khoury College of Computer Sciences Northeastern University 440 Huntington Ave Boston, MA 02115 email: vitekj@me.com	Christoph Kirsch Department of Computer Sciences University of Salzburg Jakob-Haringer-Str. 2 5020 Salzburg, Austria email: kirschchr@fit.cvut.cz