Aaron Weiss   Resume

✉ aaronweiss@cs.umass.edu   📞 (732) 491-7923   ⌗ https://github.com/aatxe

Education	**University of Massachusetts**, Amherst, MA BSc in Computer Science, Dean's List (*all semesters*) GPA: 3.93 / 4.00	2014 – 2017

Publications	**Rehearsal: A Configuration Verification Tool for Puppet** Rian Shambaugh, Aaron Weiss, Arjun Guha In *ACM SIGPLAN Conference on Programming Language Design and Implementation,* Santa Barbara, CA, June 2016.	PLDI 2016

Experience	**Teaching Assistant**, *University of Massachusetts* Held office hours and led discussion sections for two semesters in an undergraduate course on functional programming (CMPSCI 220 Programming Methodology).	2016 – Present
	Research Assistant, *University of Massachusetts* Developed static analyses for verifying correctness of system configurations in Puppet using the Z3 SMT solver. Designed and built additional tools to automatically synthesize updates to Puppet programs.	2015 – Present
	Software Developer, *ProtoIPO, Inc.* Designed user interfaces and experiences. Wrote middleware modules for portal software in C#. Developed systems to allow clients to control page layout and module placement.	2014 – 2015

Skills	Scala • Java • Rust • C • Haskell • OCaml • JavaScript HTML • CSS • PHP • Bootstrap • Git • Linux • macOS PostgreSQL • MySQL • MariaDB • Puppet • SMTLIB2

Awards	PLDI '16 Distinguished Artifact Award	2016
	Citation for Introduction to Computation	2016
	Citation for Reasoning under Uncertainty	2015
	PLMW at ICFP 2015 Travel Scholarship	2015
	University of Massachusetts Chancellor's Scholarship	2014 – 2017