Connor Zanin

CONTACT
INFORMATION

103 Norfolk Street #7
Cambridge, MA 02139

Cell: 781-879-2258
Email: zanin@ccs.neu.edu
Website: `ccs.neu.edu/home/zanin`

RESEARCH
INTERESTS

Distributed Systems, Cloud Computing, Process Migration, Fault Tolerance and Recovery, Collaborative Systems

EDUCATION

Northeastern University, Boston, MA

PhD in Computer Science   **September 2016 – present**
- GPA: 3.7
- Expected Graduation: June 2021
- Advisors: Alan Mislove, Cristina Nita-Rotaru

University of Delaware, Newark, DE

B.S. in Computer Science   **September 2012 – June 2016**
- GPA: 3.7
- Graduated: May 2016
- Thesis: *Capturing the Mapreduce Performance Landscape*
- Advisor: Dr. Michela Taufer

PROFESSIONAL
EXPERIENCE

Northeastern University, Boston, MA   **September 2016 – present**
Research Assistant
- *PicoJump:* A system for process migration and load balancing. Enabling single-machine applications to execute correctly in a distributed environment and transparently to the operating system and application.

Global Computing Laboratory, Newark, DE   **May 2015 – May 2016**
Research Assistant
- *HYPPO:* Developed a HYbrid Piece-wise POlynomial approach for optimizing MapReduce framework hyper-parameters.

EM Photonics, Newark, DE   **September 2014 – May 2015**
Software Engineering Intern
- *Software development:* Developed features and fixed bugs for a video processing application.

Nasdaq OMX, Marlborough, MA   **June 2014 – August 2014**
QA Software Engineering Intern
- *Performance testing automation:* Developed framework and tests for performance evaluation of a web application.
- *Performance evaluation:* Evaluated full-stack performance characteristics of a web application. Compiled findings in a reference document for business planning.

Lattice Engines, Boston, MA   **June 2013 – August 2013**
QA Software Engineering Intern
- *Automated unit testing:* Developed automated testing for a web application. Made enhancements to the existing unit test framework.

PUBLICATIONS

Connor Zanin, Katura Harvey, Liang Zhang, Deepak Garg, Thoephilus Benson, Dave Levin, and Alan Mislove.
"PicoJump; A System for Transparently Migrating Processes to Resources" [Under Submission. 2018]

RELEVANT
COURSES

Distributed Systems, Systems, Machine Learning, Algorithms & Data structures, Software Engineering, Compilers, Virtualization