**Curriculum Vitae**

Notarization. I have read the following and certify that this *curriculum vitae* is a current and accurate statement of my professional record.

Signature Leonidas Lampropoulos Date 03/05/2021

*In general, do not list a work or activity more than once.*

1. **Personal Information**
   1. UID, Last Name, First Name, Middle Name, Contact Information

*112541279*

*Lampropoulos Leonidas*

*9122 Baltimore Ave APT 2028, College Park, MD, 20740*

*[leonidas@umd.edu](mailto:leonidas@umd.edu)*

*http://www.cs.umd.edu/~llampro/*

* 1. Academic Appointments at UMD

*July 2020 – present: Assistant Professor of Computer Science*

*May 2019 – June 2020: Victor Basili Postdoctoral Fellow*

* 1. Administrative Appointments at UMD
  2. Other Employment

*Microsoft Research, Intern, Cambridge, Summer 2015*

* 1. Educational Background

*September 2018 – April 2019: Postdoc, UPenn*

*September 2012 – August 2018: PhD, UPenn (advisor: Benjamin C. Pierce)*

*2007 – 2012: Diploma in Electrical Engineering and Computer Science,*

*National Technical University of Athens*

* 1. Continuing Education
  2. Professional Certifications, Licenses, and Memberships

1. **Research, Scholarly, Creative and/or Professional Activities**
   1. Books *(Include full citation information and ISBN)*
      1. Books Authored *(specify original or revised edition)*

*QuickChick: Property-Based Testing in Coq*

*Leonidas Lampropoulos and Benjamin C. Pierce.*

*Software Foundations Series of Online Textbooks (Volume 4)*

* + 1. Books Edited
    2. Books Translated *(as translator)*
    3. Major Reference Works
    4. Exhibition Catalogs
    5. Other
  1. Chapters
     1. Books

*Foundations of Probabilistic Programming*

*Chapter: Luck – A Probabilistic Language for Testing*

*Edited by: Gilles Barthe, Joost-Pieter Katoen, and Alexandra Silva*

*ISBN: 978-1-108-48851-8*

* + 1. Collections
    2. Encyclopedia
    3. Series
    4. Research Paper
    5. Other
  1. Refereed Journals
     1. Refereed Journal Articles
        1. *Coverage Guided, Property-Based Testing. PACMPL (OOPSLA) 2019*

*Leonidas Lampropoulos, Michael Hicks, and Benjamin C. Pierce*

* + - 1. *Keep your Laziness in Check. PACMPL (ICFP) 2018*

*Kenneth Foner, Hengchu Zhang, and Leonidas Lampropoulos*

* + - 1. *Generating Good Generators for Inductive Relations. PACMPL (POPL) 2018*

*Leonidas Lampropoulos, Zoe Paraskevopoulou, and Benjamin C. Pierce*

* + - 1. *Testing Noninterference, Quickly. JFP 2016*

*Catalin Hritcu, Leonidas Lampropoulos, Antal Spector-Zabusky, Arthur Azevedo de Amorim, Maxime Denes, John Hughes, Benjamin C. Pierce, and Dimitrios Vytiniotis*

* + 1. Invited Reviews of Journal Articles
    2. Perspectives, Opinions, and Letters
    3. Other
  1. Published Conference Proceedings
     1. Refereed Conference Proceedings
        1. *Do Judge a Test by its Cover: Combining Combinatorial and Property-Based Testing. ESOP 2021*

*Harrison Goldstein, John Hughes, Leonidas Lampropoulos, and Benjamin C. Pierce*

* + - 1. *Advancing Safety Incrementally with Checked C. POST 2019*

*Andrew Ruef, Leonidas Lampropoulos, Ian Sweet, David Tarditi, and Michael Hicks*

* + - 1. *Beginner’s Luck: A Language for Property-Based Generators. POPL 2017*

*Leonidas Lampropoulos, Diane Gallois-Wong, Catalin Hritcu, John Hughes, Benjamin C. Pierce, and Li-yao Xia*

* + - 1. *Measuring Neural Net Robustness with Constraints. NIPS 2016*

*Osbert Bastani, Yani Ioannou, Leonidas Lampropoulos, Dimitrios Vytiniotis, Aditya Nori, and Antonio Criminisi*

* + - 1. *Foundational Property-Based Testing. ITP 2015*

*Zoe Paraskevopoulou, Catalin Hritcu, Maxime Denes, Leonidas Lampropoulos, and Benjamin C. Pierce*

* + - 1. *Testing Noninterference, Quickly. ICFP 2013*

*Catalin Hritcu, John Hughes, Benjamin C. Pierce, Antal Spector-Zabusky, Dimitrios Vytiniotis, Arthur Azevedo de Amorim, and Leonidas Lampropoulos*

* + 1. Non-Refereed Conference Proceedings
    2. Other
  1. Conferences, Workshops, and Talks
     1. Keynotes
        1. *Random Testing in the Coq Proof Assistant*

*CLA, Chalmers, 2017*

* + 1. Invited Talks
       1. *Combinatorial Property-Based Testing, Athens PL Seminar 2020*
       2. *Structured Property-Based Testing, Athens PL Seminar 2019*
       3. *StrictCheck: Keep your Laziness in Check, Athens PL Seminar 2018*
       4. *Ode to a Random Urn. Athens PL Seminar, 2017*
       5. *Testing Noninterference, Quickly, Athens PL Seminar 2013*
    2. Refereed Presentations
       1. *QuickChick, Property-Based Testing in Coq (Tutorial), POPL 2019*
    3. Refereed Workshop Papers
       1. *Ode on a Random Urn (Functional Pearl), Haskell Symposium 2017*

*Leonidas Lampropoulos, Antal Spector-Zabusky, and Kenneth Foner*

* + - 1. *A Tale of Two Provers: Verifying Monoidal String Matching in Liquid Haskell and Coq. Haskell Symposium 2017*

*Niki Vazou, Leonidas Lampropoulos, and Jeff Polakow*

* + - 1. *Making our Own Luck: A Language for Random Generators, PPS Workshop. 2016*
      2. *Automatic WSDL-guided Test Case Generation for PropEr Testing of Web Servicers. WWV 2012*

*Leonidas Lampropoulos and Kostis Sagonas*

* + 1. Refereed Abstracts
    2. Refereed Posters
    3. Refereed Panels
    4. Non-Refereed Presentations
    5. Non-Refereed Workshop Papers
    6. Non-Refereed Abstracts
    7. Non-Refereed Posters
    8. Non-Refereed Panels
       1. *PhD Life. Panel in Programming Languages Mentoring Worskhop. OOPSLA 2019*
       2. *Research in Functional Programming. Panel in Programming Languages Mentoring Worskhop. ICFP 2018*
    9. Symposia
    10. Workshops
    11. Colloquia
    12. Other
  1. Professional and Extension Publications
     1. Reports and Non-Refereed Monographs
     2. Pre-print / Working Paper *(Not Work in Progress)*
     3. Legal Briefs
     4. Policy Briefs
     5. Refereed Extension Publications
     6. Non-Refereed Extension Publications
     7. Refereed Curricula
     8. Non-Refereed Curriculum
     9. Non-Refereed Journal Articles
     10. Other
  2. Book Reviews, Notes, and Other Contributions
     1. Book Reviews
     2. Essays
     3. Notes
     4. Manuals
     5. Other
  3. Completed Creative Works and Scholarship
     1. Datasets
     2. Constructed Projects, Original Plans and Designs
     3. Demonstrations
     4. Inventions
     5. Software and Applications
     6. Websites
     7. Exhibitions and Installations, Solo
     8. Exhibitions and Installations, Group
     9. Performing Arts
     10. Costume, Stage, Multimedia, and Theatrical Design
     11. Graphic Design
     12. Choreography
     13. Works of Creative Writing
     14. Film, Video, and Multimedia
     15. Vocal or Movement Design
     16. Citations and Reviews
     17. Other
  4. Significant Works in Public Media

*Specify the following: Title, Publication/Media Name, Contributors, Types (print, online, broadcast, video, documentary)*

* + 1. Explanatory, Investigative, or Long-Form Journalism
    2. Other Significant Journalism
    3. Commentary / Analysis
    4. Interactive Online Database
    5. Radio Series
    6. TV / Radio Broadcast
    7. Ongoing Articles / Columns in Newspapers
    8. Ongoing Articles / Columns in Magazines
    9. Ongoing Articles / Columns in Newsletters
    10. Other
  1. Sponsored Research and Programs – Administered by the Office of Research Administration (ORA)

*List source, title, amount awarded, time period and role (i.e., principal investigator or co-investigator) in reverse chronological order or its inverse. If there are co-investigators, please list them.*

* + 1. Grants
       1. *SHF Medium: Bringing Python Up to Speed (374,390$). Start Date: July 1, 2020*

*with Michael Hicks, Benjamin C. Pierce, and Emery Berger*

* + 1. Contracts
    2. Other
  1. Gifts, and Funded Research not administered by ORA
     1. Gifts *(solicited and in-kind funds)*
     2. Community Capacity Building *(assistance provided resulting in awards)*
     3. Volunteer Contributions
     4. Other
  2. Centers for Research, Scholarship, and Creative Activities
     1. Centers Established
     2. Centers Directed
     3. Symposia Organized *(though center)*
     4. Other
  3. Patents
     1. Device
     2. Other
        1. *Neural Network Image Classifier, US 2017/0316281*

*Antonio Criminisi, Aditya Nori, Dimitrios Vytiniotis, Osbert Bastani, and Leonidas Lampropoulos*

*Microsoft Technology Licensing, LLC*

* 1. Entrepreneurial, Technology Transfer, and Public Engagement Activities
  2. Other Research / Scholarship / Creative Activities
  3. Research Fellowships, Prizes and Awards

1. **Teaching, Extension, Mentoring, and Advising**
   1. Courses Taught

*Include courses taught in the last five years. Indicate approximate enrollments and any unusual formats.*

1. *CMSC 430, Compilers, Spring 2021. ~120 people*
2. *CMSC 631, Program Analysis and Understanding, Fall 2020. ~30 people*
3. *CMSC 631, Program Analysis and Understanding, Fall 2019. ~30 people*
   1. Teaching Innovations
      1. Major Programs Established
      2. Education Abroad Established
      3. Textbooks
      4. Software, Applications, Online Education, etc.
      5. Instructional Workshops and Seminars Established
      6. Course or Curriculum Development
      7. Teaching Modules
      8. Other
   2. Advising: Research or Clinical

*This refers to students whose projects the faculty has supervised as adviser, committee chair, or committee member (indicate role). The name of student, academic year(s) involved, and the name of institution if other than UMD should be indicated, as well as placement of the student(s), if the project is completed. List completed work first.*

* + 1. Undergraduate
       1. *Paaras Bandari, 499A advisor. Fall 2020*
       2. *Aaron Eline, 499A advisor. Spring 2021*
    2. Master’s
       1. *Yiyun Liu. BS/MS co-advisor. Spring 2021*
       2. *Paaras Bandari, 898 advisor, Spring 2021*
    3. Doctoral
       1. *Kesha Hietala, Committee member, September 2020*
    4. Post-doctoral
    5. Other Directed Research *(e.g. K-12 Interactions)*
  1. Mentorship
     1. Junior Faculty
     2. Other
  2. Advising: Other than Directed Research
     1. Undergraduate
     2. Master’s
     3. Doctoral
     4. Post-doctoral
     5. Other Advising Activities

*(Include advising student groups, special assignments, recruiting, etc.)*

* 1. Professional and Extension Education
     1. Professional Programs Established
     2. Major Extension Programs *(Include situation, objectives, outputs, outcomes / impact)*
     3. Workshops
     4. Guest Lectures *(Presented in traditional classes or for someone else’s program)*
     5. Extension Signature Programs
     6. Extension Programs of Distinction
     7. Other
  2. Contribution to Learning Outcomes Assessment
  3. Other Teaching Activities
  4. Teaching Awards

1. **Service and Outreach**
   1. Editorships, Editorial Boards, and Reviewing Activities

*Include participation for journals and other learned publications (print and electronic).*

* + 1. Editorships
    2. Editorial Boards
    3. Reviewing Activities for Journals and Presses
       1. *Journal of Functional Programming, External Reviewer. 2020*
    4. Reviewing Activities for Agencies and Foundations
    5. Reviewing Activities for Conferences
       1. *POPL 2022, PC member*
       2. *ICFP 2021, PC member*
       3. *OOPSLA 2020, ERC member*
       4. *FLOPS 2020, PC member*
       5. *CLA 2020, PC member*
       6. *PLDI 2019, AEC member*
       7. *PLAS 2019, PC member*
       8. *Haskell Symposium 2016, External Reviewer*
    6. Other
       1. *OOPSLA 2019, SRC judge*
  1. Committees, Professional & Campus Service
     1. Campus Service – Department
     2. Campus Service – College
     3. Campus Service – University
     4. Campus Service – Special Administrative Assignment
     5. Campus Service – Other
     6. Inter-institutional and Regional *(e.g. inter-library agencies, regional consortia)*
     7. Offices and Committee Memberships
     8. Leadership Roles in Meetings and Conferences
        1. *ICFP 2021, Workshop co-chair*
        2. *ICFP 2020, Workshop co-chair*
     9. Other Non-University Committees, Memberships, Panels, etc.
     10. Other
  2. External Service and Consulting
     1. Community Engagements, Local, State, National, International
     2. International Activities
     3. Corporate and Other Board Memberships
     4. Entrepreneurial Activities
     5. Consultancies *(to local, state and federal agencies; companies; organizations)*
     6. Other
  3. Non-Research Presentations
     1. Outreach Presentations
     2. Other
  4. Media Contributions
     1. Internet
     2. TV
     3. Radio
     4. Digital Media
     5. Print Media
     6. Blogs
     7. Feeds
     8. Other
  5. Community & Other Service
  6. Service Awards and Honors

1. **Other Information**