

EDUCATION

- Princeton University** Princeton, NJ
PhD in Computer Science, advised by Dr. Wyatt Lloyd & Dr. Ethan Katz-Bassett (Columbia) Expected 2022
- University of California, Los Angeles** Los Angeles, CA
MS in Computer Science, advised by Dr. Miodrag Potkonjak 2014–2016
MS Thesis, supervised by Dr. Miodrag Potkonjak and Dr. Bastian Bloessl (then at U. Paderborn): “Evaluating 802.11p in Software-Defined Radio using Realistic Channel Parameters”
- University of Chicago** Chicago, IL
BA with Honors in Linguistics 2005–2009
BA Thesis, supervised by Dr. Steven Clancy: “Predictability and Motivation for the Genitive/Dative Alternation in Modern German Constructions for Attributive Nominal Relations”

PUBLICATIONS

- **Stavrinou T**, Berger D, Katz-Bassett E, Lloyd W. “Don’t Be a Blockhead: Zoned Namespaces Make Work on Conventional SSDs Obsolete.” To appear in *HotOS* 2021.
- Pan S, **Stavrinou T**, Zhang Y, Sikaria A, Zakharov P, Sharma A, Shankar P S, Shuey M, Wareing R, Gangapuram M, Cao G, Preseau C, Singh P, Patiejunas K, Tipton JR, Katz-Bassett E, Lloyd W. “Facebook’s Tectonic Filesystem: Efficiency from Exascale.” In *FAST* 2021.
- Guo J, Xu T, **Stavrinou T**, Potkonjak M. “Enabling Environmentally-Powered Indoor Sensor Networks with Dynamic Routing and Operation.” In *PATMOS* 2016.
- Pannetier N, **Stavrinou T**, Ng P, Herbst M, Zaitsev M, Young K, Matson G, Schuff N. “Quantitative Framework for Prospective Motion Correction Evaluation.” In *Magnetic Resonance in Medicine* 2016.

ACADEMIC SERVICE

- **OSDI 2021 External Reviewer** 2021
- **OSDI 2018 Topic Preview Sessions Organizer** 2018
- **OSDI 2018 External Reviewer** 2018
- **NSDI 2018 External Reviewer** 2018
- **Internet Measurement Conference (IMC) 2017 Shadow PC Member** 2017
- **SIGCOMM 2017 Topic Preview Sessions Co-Organizer** 2017
- **NSDI 2017 External Reviewer** 2017

SCHOLARSHIPS AND AWARDS

- **Chris Edmondson-Yurkanan Travel Grant** 2018
Grant awarded for service to SIG to support travel to SIGCOMM
- **Open Science Data Cloud PIRE Fellow** 2015
NSF-sponsored fellowship awarded to fund two months of research at the University of Amsterdam
- **Graduate Opportunity Fellowship Recipient** 2014–2015
Fellowship awarded to cover full tuition and living expenses for first year of Master’s degree

- **Benjamin A. Gilman International Scholarship**
Scholarship awarded to fund Civilization Studies Semester Abroad in Athens, Greece

2007

WORK EXPERIENCE

- Facebook** Menlo Park, CA
Software Engineering Intern, Storage Team Winter 2020
 - Explored performance versus capacity tradeoffs for flash-based storage (C++)
 - Collaborated with storage team to publish experience paper about Facebook’s storage infrastructure
- Google** San Francisco, CA
Software Engineering Intern, Traffic Team Summer 2016
 - Integrated regression detection service into binary rollout framework to automate evaluation of updates (Python)
 - Applied integrated framework to automate rollouts for API management service (Python, C)
- 3Scan, Inc.** San Francisco, CA
Software Development Intern Summer 2015
 - Implemented Firmata protocol for sensor-to-microscope communication (Python, C)
 - Built interactive shell for testing sensor system (Python)
- 3Scan, Inc.** San Francisco, CA
Software Development Intern Summer 2014
 - Developed software for Arduino microcontroller to integrate microscope sensors and focus mechanism (C, C++)
 - Built Web-based dashboard for monitoring system status, hardware feedback (JavaScript, HTML, MongoDB, d3)
- Center for Imaging of Neurodegenerative Diseases** San Francisco, CA
Research Associate June 2012–May 2014
 - Carried out texture analysis experiments for MRI motion artifact quantification
 - Implemented fMRI network analysis pipeline using NetworkX library (Python) and Circos visualization software

TEACHING

- **Teaching Assistant** at Princeton University Spring 2019
Introduction to Computer Science (COS 126)
- **Teaching Assistant** at Princeton University Fall 2018
Advanced Distributed Systems (COS 418)
- **Teaching Assistant** at University of California, Los Angeles Winter & Spring 2016
Introduction to Operating Systems (CS 111)

LANGUAGES & FRAMEWORKS

- **Computer Languages:** C, C++, Python
- **Frameworks:** DPDK
- **Natural Language:** Advanced German, conversational Spanish, beginner Greek