Daniel H. Sainati

sainati@seas.upenn.edu | sainati.pl

dsainati1 | 0009-0003-4738-8524 |

Philadelphia, PA

EDUCATION

• **University of Pennsylvania**	*Ongoing*
Doctor of Philosophy in Computer Science	Philadelphia, Pennsylvania
• **Cornell University**	*May 2018*
Master of Engineering in Computer Science	Ithaca, New York
• **Cornell University**	*December 2017*
Bachelor of Science in Computer Science	Ithaca, New York

EXPERIENCE

• **Flow Foundation**	*October 2021 - July 2024*
Senior Programming Language Engineer	Vancouver, British Columbia

◦ Worked on **Cadence**, a high level statically-typed smart contract language

• **Meta**	*August 2018 - October 2021*
Software Engineer	Seattle, Washington

◦ Worked on **Flow**, a static type system for Java Script, used at Meta on tens of millions of lines of code

• **Meta**	*Summer 2017*
Software Engineering Intern	Menlo Park, California

◦ Worked on **HHVM**, Meta's just-in-time Hack compiler

• **Two Sigma Investments**	*Summer 2016*
Software Engineering Intern	New York, New York

PUBLICATIONS

- **LambdaLab: An Interactive λ-Calculus Reducer for Learning**. Daniel Sainati, Adrian Sampson. In *SPLASH-E 2018: Proceedings of the 2018 ACM SIGPLAN Workshop on SPLASH-E*, pp. 10-19. 2018, Boston, MA. DOI: 10.1145/3310089.3313180

HONORS AND AWARDS

• **NSF CSGrad4US Fellowship**	*2023*
National Science Foundation	
• **eBay Undergraduate TA Award**	*2016*
Cornell University	
• **Engineering Dean's List**	*2014-2017*
Cornell University	

TEACHING AND SERVICE

• **Pre-Scientist Pen Pal**	*2023*
Letters to a Pre-Scientist	

◦ Exchanged letters with a middle-school student for a school year, answering their questions about STEM careers and education

• **Teaching Assistant**	*2015-2018*
Cornell University	

◦ Spring 2018 / CS 6110 / Advanced Programming Languages

◦ Fall 2017 / CS 4810 / Introduction to Theory of Computation

◦ Spring 2017 / CS 3152 / Introduction to Computer Game Development

◦ Fall 2015 - Fall 2016 / CS 3110 / Data Structures and Functional Programming (Fall 2016 Head TA)

◦ Spring 2015 / CS 2110 / Object-Oriented Programming and Data Structures