Eric Hayden Campbell

Cornell University
PhD Candidate, Department of Computer Science
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Education

Cornell University
Ph.D. in Computer Science, Expected May 2023
M.Sc. in Computer Science, December 2020
Research Interests: Network Verification, Program Synthesis, Semantics

Pomona College
B.A. in Computer Science, May 2017
B.A. in Mathematics, May 2017
Concentration in Programming Languages

Selected Publications

Avenir: Managing Data Plane Heterogeneity via Control Plane Synthesis
Eric Hayden Campbell, Bill Hallahan, Priya Srikumar, Carmelo Cascone, Jed Liu,
Vignesh Ramamurthy, Hossein Hojjat, Robert Soulé, Ruzica Piskac, and Nate Foster
To Appear at NSDI 2021

Epistemic Semantics in Guarded String Models
Eric Hayden Campbell, Mats Rooth
To Appear at SCiL 2021

How to Avoid Making a Billion-Dollar Mistake:
Type-Safe Data Plane Programming with SafeP4
Matthias Eicholtz, Eric Hayden Campbell, Nate Foster,
Guido Salvaneschi, Mira Mezini
ECOOP, July 2019

Infiniteness and Linear Temporal Logic
Eric Hayden Campbell, advised by Michael Greenberg
Undergraduate Thesis at Pomona College, May 2017

Industry

Fujitsu Laboratories of America
Research Intern, Inference for Legacy Networks
Sunnyvale, CA. May 2018 - Aug 2018

Originate, Inc
Software Engineering Intern, Web Development
San Francisco, CA. May 2015 - Aug 2015

Gladly, Inc
Software Engineering Intern, Web Development
Palo Alto, CA. May 2014 - Aug 2014

Awards

NSF Graduate Research Fellowship, 2019.
Cornell Teaching Excellence Award, 2018.

Outreach	**4H Career Explorations Conference** Workshop Designer & Leader, *Networking and Security*, 2018
	Expand Your Horizons Conference Workshop Leader, *Googling With Paper Airplanes*, 2017 - 2019
	Originate, Inc Counselor, *How to Build A Webpage*, 2015
Teaching	**Computer Science Department, Cornell University** TA, Object Oriented Programming and Data Structures, Spring 2018 TA, Object Oriented Programming and Data Structures, Fall 2017
	Computer Science Department, Pomona College TA, Databases Systems, Spring 2017 TA, Programming Languages, Fall 2016 Head TA, Intro to CS, Spring 2016 TA, Intro to CS, Fall 2015