Emmanuel Suárez Acevedo

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Education

Cornell University Ann S. Bowers College of Computing and Information Science — **Ithaca, NY**
PhD in Computer Science — *August 2024 – Present*

University of Pennsylvania School of Engineering and Applied Science — **Philadelphia, PA**
MSE in Computer and Information Science — *August 2022 – May 2024*

University of Pennsylvania School of Engineering and Applied Science — **Philadelphia, PA**
BSE with Honors in Computer and Information Science — *August 2015 – May 2019*

Publications

Effects and Coeffects in Call-By-Push-Value — **OOPSLA 2024**
Cassia Torczon, Emmanuel Suárez Acevedo, Shubh Agrawal, Joey Velez-Ginorio, and Stephanie Weirich

Talks

Effects and Coeffects in Call-By-Push-Value — **OOPSLA 2024**
Strictly Associative Sigmas — **HoTT MURI 2024 meeting**

Work Experience

Graduate Researcher — **Ithaca, NY**
Cornell University — *August 2024 – Present*

Research Intern — **Minneapolis, MN**
University of Minnesota, Twin Cities — *May 2024 – August 2024*

Graduate Researcher — **Philadelphia, PA**
University of Pennsylvania — *August 2022 – April 2024*

Senior Software Engineer — **San Francisco, CA**
Strava — *August 2019 – July 2022*

Teaching Experience

Teaching Assistant — **Heights Philadelphia**
Introduction to Computer Science — *July 2023 – August 2023*

Mentor — **University of Pennsylvania**
CIS 5520: Advanced Programming — *Nov 2023 – Dec 2023*

Teaching Assistant — **University of Pennsylvania**
CIS 5520: Advanced Programming — *August 2022 – December 2022*

Head Teaching Assistant — **University of Pennsylvania**
CIS 120: Programming Languages & Techniques I — *August 2016 – May 2019*

Awards

Dean's Excellence and Hopper-Dean Fellowship, Cornell University Ann S. Bowers College of Computing and Information Science (2024)

Outstanding Research Award, University of Pennsylvania School of Engineering and Applied Sciences (2024)

Graduate Research Fellowship, National Science Foundation (2024)

Dean's Master's Scholarship, University of Pennsylvania School of Engineering and Applied Sciences (2022)

Skills

Languages: Agda, OCaml, Rocq, Haskell, Scala, Lean, Java, Ruby, C/C++, Javascript
General: Git, LaTeX, Rails, React, Fluent in Spanish