

Department of Computer and Information Science
School of Engineering and Applied Science
University of Pennsylvania

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<http://www.languagesforsyste.ms/>

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Dear Search Committee,

I am writing to apply for the Tenure-Track assistant professor position in the department of Computer and Information Science at Penn.

I am a postdoctoral scholar at the University of California, Berkeley working at the intersection of **Distributed Systems**, **Programming Languages**, and **Databases**. My current research takes an interesting observation: for every new platform—be it personal computers, smartphones, or web browsers—a new programming language has arrived to truly unlock its potential. It's been over a decade. Where is the programming language for the cloud? Answering this question spans a wide range of research areas, from core systems engineering to language design and type system development. While I have a strong record of performing both pure systems and pure programming languages research, I'm particularly motivated by research at the intersection between these fields.

I have published research under two different names. While my CV and included materials uses my current name (Mae Milano), publisher-hosted PDFs of my earlier work may use my old name, Matthew Milano. I apologize in advance for any confusion this may cause. Additionally, I appear to share a name with a (newly arrived) adult performer, so I would recommend enabling SafeSearch when looking me up!

I look forward to building collaborations with your faculty, especially in the **distributed systems lab** and with the **PL club**. I'm especially excited about opportunities to collaborate with **Rajeev Alur**, **Sebastian Angel**, and **Benjamin Pierce**, among others.

I am excited to teach several classes already offered at Penn, including any introductory course, CIS2400, CIS3410, CIS3800, CIS5000, CIS5050, CIS5540, or CIS6700.

I have attached a Curriculum Vitae, Research Statement, Teaching Statement, and Diversity statement to this application.

Thank you for taking the time to review my application!

Sincerely,

Mae Milano