



College of Liberal and Professional Studies  
School of Engineering and Applied Science

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The University of Pennsylvania's College of Liberal and Professional Studies  
and School of Engineering and Applied Science in collaboration with edX

*proudly recognize*

**Omar Rayo-Vazquez**

for the completion of Penn Cybersecurity Boot Camp

May 2023

A handwritten signature in black ink, reading "A. Haerberlen".

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Andreas Haerberlen

*Academic Director, Penn Boot Camps  
Professor, Computer and Information Science  
School of Engineering and Applied Science*

A handwritten signature in black ink, reading "Masao Sako".

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Masao Sako

*Academic Director, Penn Boot Camps  
Professor of Physics and Astronomy, School of Arts and Sciences*

A handwritten signature in black ink, reading "Boon Thau Loo".

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Boon Thau Loo

*RCA Professor, Associate Dean for Graduate Programs  
School of Engineering and Applied Science*

A handwritten signature in black ink, reading "Nora E. Lewis".

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Nora E. Lewis

*Vice Dean, Professional and Liberal Education  
School of Arts and Sciences*