



*Carroll Career Discovery Program*

**PASSING THE TORCH  
ALUMNI SPEAKER SERIES**

**Yong Bakos**  
**CHS Class of 1994**

**Program Lead & Senior Instructor,  
Electrical Engineering and  
Computer Science,  
Oregon State University-Cascades**

With a background in both the arts and software engineering, Yong Joseph Bakos pushes the boundaries of cross-disciplinary research and teaching. An Ohio native, Bakos previously served as the assistant department head of the Electrical Engineering and Computer Science department at Colorado School of Mines, where he taught for six years. He left Colorado to grow the Center of Creative Computation at Southern Methodist University in Dallas, prior to moving to Bend, Oregon to lead the computer science program at Oregon State University's new Cascades campus. At present, he is developing the online master's degree in artificial intelligence at Oregon State University's Ecampus program.

A professional software engineer by trade, Bakos' education is in art theory and practice (B.A., Northwestern University), and software engineering (M.S., Regis University). He builds data-driven software for river restoration, wildfire mitigation, emergency response, and the outdoor recreation economy. His research interests include information-centric networks, software engineering, graphical user interfaces, augmenting human intellect, computer science education, and generative art. Bakos has worked with companies ranging from small startups to Apple. His musicianship has led him through collaborations as an artist and technologist in Chicago, Denver and Dallas, combining live code and music performance.

**Carroll memory**

The thing Yong remembers most are the excellent faculty and staff at CHS, and the authentic camaraderie of the students in the class of 1994. He cherishes every awkward moment, every mistake and win, and sharing so many laughs with so many fellow students. And secretly making breakfast in the back of calculus class.

**Education**

- Bachelor of Arts Degree (Art Theory & Practice): Northwestern University
- Master of Science Degree (Software Engineering): Regis University

Are you interested in a career in **computer science** or **electrical engineering**?  
Get your questions answered!

**When: Tuesday,  
March 19, 2024**

**11:15 am-12:15 pm  
(during 4<sup>th</sup> period)**

**Where: Room 310**

**Stop in at the CLC to  
register or email  
[mleaman@carrollhs.org](mailto:mleaman@carrollhs.org)  
or [jweitz@carrollhs.org](mailto:jweitz@carrollhs.org)**

**Be sure to pack or buy  
lunch and feel free to  
bring it with you to eat  
during the presentation!**

**This is considered an  
excused absence  
from class.**

**Hope to see you there!**