





















EDUCATION

Grad. 	Degree	Major	University - QS	Credential (Outer)	Masterpiece (Inner)
27' 2025	Ph.D.	Optical Engineering ¹	Nanjing U. - 140	 Q.E. - Top 15% 	Nonlinear Fourier Optics 
24' 2022	Master	Quantum Electronics	Nanjing U. - 140	Courses Score - 93.5 	THz (> 6G) OAM Source 
22' 2020	Bachelor	Applied Physics ²	Northeastern U.	 GPA Rank - 1/400 	DDTank Auxiliary Tools 
18' 2016	Freshman	Science	Leshan No.1 H.S.	Sichuan Prov. - Top 2%	7 Notes → 3 Books 

¹ **Thesis** - Analytic 3D vectorial linear non-uniform & nonlinear Fourier crystal optics in arbitrary $\bar{\epsilon}, \bar{\chi}$ dielectrics 

² **Thesis** - Research & design of nonlinear holography based on lithium niobate 3D nonlinear photonic crystal  

ACADEMIC FOCUS

2024.06	Next generation high N.A. 3D vector non-uniform analytic linear & nonlinear Fourier crystal optics 
2024.03	!Paraxial $k_0^\omega \Rightarrow$ High N.A. 3D vector non-uniform analytic linear & nonlinear Fourier crystal optics 
2023.12	Emphasizing $G_{xyz}^\omega \Rightarrow$ 3D vector non-uniform analytic linear & nonlinear Fourier crystal optics 
2023.06	Involving $\bar{\chi}^{(2)}$ anisotropy \Rightarrow Vector non-uniform analytic linear & nonlinear Fourier crystal optics 
2023.03	!Unitary $G_\omega^\pm \Leftarrow$!Hermitian $\bar{\epsilon}_r^\omega \Rightarrow$ Non-uniform analytic linear & nonlinear Fourier crystal optics 
2022.09	Solution $\mathcal{F}[E_\omega^\pm]$ to $(\nabla^2 + k_{\omega\pm}^2) E_\omega^\pm \propto P_{\omega\pm}^{(2)} \Leftrightarrow$ Analytic linear & nonlinear Fourier crystal optics 
2022.06	Solution $\mathcal{F}[E_3] = \mathcal{F}[f(\mathcal{F}^{-1}[\cdot])]$ to the Eq. below \Leftrightarrow Nonlinear angular spectrum theory for SFG 
2022.03	Solution $\mathcal{F}[E_3] = \iiint\!\!\!\int$ to $(\nabla^2 + k_3^2) E_3(\mathbf{r}) \propto P_3^{(2)}(\mathbf{r}) \Leftrightarrow$ Nonlinear convolution solution to SFG 

TEACHING

- **Head Teaching Assistant** at University Name
Course Name (COURSE CODE)
- Spring 2019
- **Teaching Assistant** at University Name
Course Name (COURSE CODE)
- Spring 2017

SKILLS

- **Skill Group:** List of technologies
- **Skill Group:** List of technologies
- **Skill Group:** List of technologies
- **Skill Group:** List of technologies

LANGUAGES

- **Language:** language proficiency level
- **EXAM:** details
- **Language:** language proficiency level
- **Language:** language proficiency level

PROJECTS

See full list of projects on [example.com/projects](#)

- Project Title (Technology Used, 2019)
Short explanation of the project
- Project Title (Technology Used, 2019)
Short explanation of the project

HONORS & AWARDS

Academic Awards	Excellent Bachelor Dissertation			Northeastern University	2020.06
	Excellent League Member			Northeastern University	2019.11
Honorary Titles	Lane	0.135	0.855		1



HONORARY TITLES

2019.11	Excellent League Member of	Northeastern University
2018.12	Excellent Undergraduate Student of	Northeastern University

COMPETITION AWARDS

2019.11	Excellent League Member	Northeastern University
2018.06	Excellent Undergraduate Student	Northeastern University

SCHOLARSHIPS FELLOWSHIPS

2019.04	JinChuan 1st scholarship - 5,000 rmb 	Northeastern University
2018.06	1st scholarship - 2,000 rmb 	Northeastern University

EXTRACURRICULAR ACTIVITIES

- Member at Some Club 2017–Current
Detailed explanation of what you do at this club
- Member at Some Club 2016–2017
Detailed explanation of what you do at this club
- Volunteer at Some Event Fall 2019
Detailed explanation of what you do in this event
- Volunteer at Some Event Winter 2015
Detailed explanation of what you do in this event