





















EDUCATION

Degree	Major	Credential (Outer)	Masterpiece (Inner)	Grad.clock3
Doctor of Philosophy	Optical Engineering	 Q.E. - Top 15% 	Nonlinear Fourier Optics 	27' 2025
Thesis - Analytic 3D vectorial linear non-uniform & nonlinear Fourier crystal optics in arbitrary $\bar{\epsilon}, \bar{\chi}$ dielectrics 				
Master's Studies	Quantum Electronics	Courses Score - 93.5 	THz (> 6G) OAM Source 	24' 2022
Affiliation - College of Engineering and Applied Sciences, Nanjing University, No.163 Xianlin Avenue, Nanjing, Jiangsu, China				
Bachelor of Science	Applied Physics	 GPA Rank - 1/400 	DDTank Auxiliary Tools 	22' 2020
Thesis - Research & design of nonlinear holography based on lithium niobate 3D nonlinear photonic crystal  				
Freshman in University	Science	Sichuan Prov. - Top 2%	7 Notes → 3 Books 	18' 2016
Affiliation - School of Physics, College of Science, Northeastern University, No.3-11 Wenhua Road, Shenyang, Liaoning, China				

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 $\bar{\chi}_\omega^{(2)}$ 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 $(\nabla^2 + k_3^2) E_3(r) \propto P_3^{(2)}(r) \Leftrightarrow$ 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
Honorary Titles	🏆 Excellent League Member	Northeastern University	2019.11
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

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

## EXTRACURRICULAR ACTIVITIES

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- 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*