

# KHYE BORG LIEW

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## PROFILE

CS educator and curriculum developer for underserved students and communities.

## EDUCATION

**Teachers College, Columbia University**, New York, NY May 2022

Masters of Arts, Computer Science Education

**New York University**, New York, NY 2015 - 2019

Bachelor of Science, Major: Chemistry, Minor: Math, Computer Science Education

Cumulative GPA: 3.87 / 4.0; Honors: *Summa Cum Laude*

National Honor Society: *Phi Beta Kappa*; National Chemistry Honor Society: *Phi Lambda Upsilon*

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## EMPLOYMENT

**All Star Code**, New York, NY 2019 - present

### Senior Curriculum Manager

- Scope, design, develop, and refine CS curriculum that is engaging and meets National CS Standards
- Interview, hire, supervise, and evaluate 28 instructional staff for the inaugural 6-week Virtual Summer Intensive, serving 320 young men of color in the learning of 3 programming languages
- Deliver a week-long coaching and professional development to 28 instructional staff, with a focus on healthy CS pedagogy, kinesthetic learning, and virtual community-building
- Partner with Senior Director of Programs and Executive Director to develop and execute evaluation frameworks and analyze 3rd party reporting for program improvements
- Supervise Technical Program Associate in the construction of the ASC Curriculum Website, Technical Assessment Portal, programming visuals, playbooks, etc.

**All Star Code**, New York, NY 2019 and 2020

### Lead Instructor

- Serve as the instructional leader in CS and Core Skills delivery to a cohort of 40 young men of color
- Work with 20 high-level corporate partners and facilitate programming with 8 speakers
- Manage 12 students' Demo Day coding projects and facilitate the planning and execution of Demo Day
- Supervise and coach a Teaching Assistant and a Teaching Fellow in the Summer Intensive program

**NYU Courant Institute of Mathematical Sciences**, New York, NY 2017 - present

### CS Teaching Assistant

- Lead tutoring sessions to guide college programmers in the learning of CS course content (Python, JavaScript, HTML/CSS)
- Evaluate student programming projects and issue feedback to drive forward project progression
- Partner with CS professors in strategizing effective pedagogy for virtual CS teaching and learning

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## AWARDS

**George Granger Brown Award in Chemistry**, New York University, 2019

**Departmental Scholar Award**, New York University, 2019

**University Honors Scholar**, New York University, 2019

**Level IV Golden Diploma**, 9th World Choir Games, Sochi, Russia, 2016

**Level V Gold Medal**, 4th Bali International Choir Festival, Bali, Indonesia, 2015

**Gold Medal**, 6th Hong Kong International Youth Music Festival, Hong Kong, 2014

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## TECHNICAL SKILLS

**Programming** JavaScript, Java, Python, C, HTML, CSS, p5.js, Processing, A-Frame

**Spoken Languages** English, Cantonese, Mandarin, Malay