

r e b e c c a

c u n n i n g h a m

## contact

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## education

carnegie mellon university // pittsburgh, pa  
bachelor of architecture // gpa 3.87 / 4.0  
aug. 2019 - may 2024 // dean's list f19, s20, f20, s21  
minoring in environmental & sustainability studies

## awards + honors

international championship of collegiate acappella  
semifinalist // cmu counterpoint // 2020  
seal of biliteracy in german // 2019  
national merit scholarship recipient // 2019

## skills

rhinoceros 6	////
autocad	////
photoshop	////
indesign	////
illustrator	////
vray	////
lightroom	////
grasshopper	////
microsoft office	////
canvas	////
meerkat / gjs	////
twinmotion	////
sketchup	////
perspective drawing	////
rendering	////
hand drafting	////
model making	////
woodshop	////
python	///
java	///
conversational german	///

## coursework

architecture design studio  
foundation i + ii  
elaboration i + ii  
praxis i + ii  
urbanism + the social production of space  
urban traces  
afrofuturism + the speculative  
inequality, social justice, + the black urban experience  
environment i: climate + energy in architecture  
introduction to environmental ideas  
ethics and decision-making in architecture  
real estate for architects  
generative modeling  
computational design  
structures + statics  
materials + assembly  
building physics  
drawing i + ii  
digital media i + ii  
world architecture  
modern architecture  
architecture + the arts  
interpretation + argument

## relevant experience

architectural intern // moss architects  
pittsburgh, pa // february 2021-january 2022  
// conducted site surveys of existing conditions, developed construction documents for two pittsburgh-area projects, created 3D models and digital renderings for project development, and participated in master planning study under a team of architects and interior designers  
teaching assistant // digital media i + ii  
carnegie mellon university // january 2022-may 2022  
// instructed second year architecture students in computational design methodologies using grasshopper, rhino, and python  
teaching assistant // generative modeling  
carnegie mellon university // august 2021-december 2021  
// instructed second year architecture students in grasshopper and python lab, performed troubleshooting & answered student questions during teaching assistant-run lab sessions  
teaching assistant // digital media i + ii  
carnegie mellon university // august 2020-may 2021  
// instructed first year architecture students in photoshop, indesign, rhino, & autocad  
// facilitated workflow improvements in first years through architectural projects involving 3D modeling, photoshop, indesign, rhino, and autocad

## notable projects

eco-machinic housing // fall 2021  
// designed a social housing network in pittsburgh's lincon-lemington-belmar neighborhood  
// studied relationships between human and environmental factors, used algal processes to create a zero waste, self sustaining housing system through computational methods  
mapping squirrel hill // fall 2021  
// studied counter-hegemonic space making practices of residents of squirrel hill through food landscapes  
// produced multi-media maps tracing food landscapes and bodily practices  
spring garden adaptive reuse project // spring 2021  
// designed a community oriented hostel within an existing brick shell in pittsburgh's spring garden neighborhood  
// blurred the relationship between public and private spaces as they pertain to a hostel through materiality and fluidity of space  
lawrenceville collaborative live-work unit // fall 2020  
// designed a single family home & shared workspace in lawrenceville, pa, emphasizing aesthetics and function of wood & masonry construction  
urban design framework // fall 2020  
// developed a collaborative framework for five pairs of artists in lawrenceville, pa, integrating built environment & natural landscape with the existing community ecosystem

## activities + leadership

architecture peer mentor  
carnegie mellon university // august 2020 - present  
// assisted first year students in acclimating to architecture school  
// promoted time management skills, wellness practices, and workflow improvements in first year students  
counterpoint acapella  
carnegie mellon university // august 2019 - present  
music director // january 2020 - august 2020, may 2021 - present  
// planned and led rehearsals in preparation for competition  
// coordinated meetings and liaised with other members of the executive board to facilitate productivity within counterpoint  
// selected and arranged songs for competition  
school of architecture tour guide  
carnegie mellon university // february 2020  
// curated and led individualized tours for prospective architecture students and families of diverse backgrounds  
// introduced prospective students to SoA studio culture, facilities, and coursework  
american institute of architecture students  
carnegie mellon university // 2020 - present