

# Tristan Hineman



724.759.1575  
tristanhineman@gmail.com

Hello, I am Tristan, an Architecture Student from  
the Pittsburgh Area interested in sustainable  
and community driven architecture.

Pittsburgh, PA  
thineman13ec.myportfolio.com

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## EDUCATION

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Deer Lakes High School | Cheswick, PA | Class of 2021

Carnegie Mellon University | Pittsburgh, PA | B.Arch Class of 2026

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## COURSEWORK — SKILLS

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Architecture Design Studio  
Digital Media and Drawing  
Materials and Assembly  
History of World Architecture  
Computational Design  
Generative Modeling  
Structural Systems  
Building Physics

Rhinoceros | Grasshopper  
Revit | AutoCAD  
Photoshop | Illustrator | Indesign  
Vray | Keyshot | Enscape  
Climate Studio | Climate Consultant  
Hand Drafting | Perspective Drawing  
Model Making | Wood Shop

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## EXPERIENCE

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### Uptown Fire Station Design Project | Summer 2022 - 23

- Analyzed the history and impact of gentrification and blight in Uptown, Pittsburgh.
- Spoke to fire fighters and researched successful fire stations.
- Designed a fire station focused on reactivated urban voids and creating green connections.
- Developed a steel structure with a refurbished hanging brick facade.
- Constructed HVAC, lighting, and fire safety drawings that comply with IBC codes.

### Frick Park Culinary Institute Design Project | Fall 2022

- Researched the environmental and urban conditions of Frick Park and Squirrel Hill.
- Developed an ideology of community and transparency inspired by the Buddhist monk chef Jeong Kwan.
- Designed a culinary institute with a transparent facade that allowed for light and community visibility.
- Creating green roofs that connect the building into the landscape and allow for sustainable vegetable and rain gardens.

### Eagle Scout Project | Summer 2021

- Proposed a project to a local volunteer fire department to fix problems related to parking and important equipment storage.
- Created a schedule and project budget that outlined the material costs, funding, and volunteer work.
- Designed schematics with detailed instructions
- Lead a group of volunteers to cooperate and complete both parts of the project simultaneously.