

# KEVIN HE

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## EDUCATION

UNIVERSITY OF PENNSYLVANIA ◇ PHILADELPHIA, PA (AUG 2018 - MAY 2021)  
DEGREE: MASTER OF ARCHITECTURE  
CERTIFICATE: REAL ESTATE DESIGN & DEVELOPMENT

WASHINGTON UNIVERSITY IN ST. LOUIS ◇ ST. LOUIS, MO (AUG 2014 - MAY 2018)  
DEGREE: BACHELOR OF SCIENCE IN ARCHITECTURE  
SECOND MAJOR: ECONOMICS

## EXPERIENCE

SIGNETRON ◇ REMOTE (JULY 2020 - PRESENT)  
CAD/CAM consultant for Department of Energy funded energy retrofit project  
Created workflow in Grasshopper/Dynamo from point cloud data to facade options  
Optimized panelization of facades for various sizes using evolutionary solvers

ESKEW DUMEZ RIPPLE ◇ NEW ORLEANS, LA (JUNE 2019 - AUGUST 2019)  
Research fellow tasked with evaluating zero net carbon building case studies  
Integrated financial feasibility metrics into architectural workflow  
Developed upgrade package for current building owners interested in sustainability  
Created graphics and web design using Javascript for quantitative and qualitative research  
Developed parametric environmental building simulations using Grasshopper/Dynamo/Diva

KIERANTIMBERLAKE ◇ PHILADELPHIA, PA (JANUARY 2019)  
Architecture intern assisting on project utilizing dynamic flow simulation  
Prepared project submission drawings for the commission on fine arts federal review

EYP ARCHITECTURE ◇ HOUSTON, TX (JUNE 2018 - DEC 2018)  
Design computation intern tasked with creating space planning Dynamo scripts for Revit  
Guided space planning workflow and produced tutorial videos on Dynamo  
Applied Dynamo workflows to medical planning projects in texas medical center

## SKILLS

DESIGN: Adobe Illustrator, Photoshop, Indesign, After Effects, Tableau  
MODELING: Rhino3d (With T-splines), Revit, Sketchup, Recap Pro, Meshmixer, Autodesk Cfd, Zbrush  
COMPUTATION: Dynamo For Revit, Grasshopper For Rhino, ArcMAP For GIS, Diva Environmental Analysis  
RENDERING: Maxwell, V-ray, Keyshot  
CODE: HTML, CSS, Javascript, Python, Arduino

## EXTRACURRICULARS & AWARDS

AIA STL SCHOLARSHIP 2018-2020:	Received regional scholarship for continuing education
SCDA SCHOLARSHIP:	Awarded academic scholarship from SCDA Architects
STUDENT COUNCIL VP OF FINANCE :	Vice President of Finance at the Weitzman School of Design at Penn
PENN INCLUSION IN DESIGN:	Executive board member of diversity group at Weitzman School
PROJECT STASIO 2019 WINNER:	Awarded in the 2019 building performance graphic competition at ASHRAE
PHILADELPHIA DYNAMO USER GROUP:	Student member of regional interest group in computation
ACADIA 2020 STUDENT ORGANIZER:	Assisted with the Acadia 2020 conference at Penn