



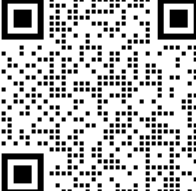
# BRANDON ECK

Lead Project Designer

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| SKILLS   | 3D MODELING  | RENDERING / ANIMATION  | DRAWING / EDITING  | FABRICATION   | OTHER  |
|--|--|--|--|---|--|
|  | _Rhino<br>_Grasshopper<br>_Revit<br>_Dynamo<br>_SketchUp | _Lumion<br>_TwinMotion<br>_Enscape<br>_V-Ray<br>_Keyshot<br>_Maxwell | _QGIS<br>_AutoCAD<br>_Adobe Photoshop<br>_Adobe Illustrator<br>_Adobe InDesign<br>_Adobe Premier<br>_Adobe After Effects | _Hand Modeling<br>_Woodworking<br>_Laser Cutting<br>_3D Printing<br>_CNC Milling<br>_3-Axis Robotic Arm | _Videography<br>_Photography<br>_Microsoft Excel<br>_Microsoft Word<br>_Autodesk Flow<br>_Climate Consultant<br>_Garage Band |

## PROFESSIONAL EXPERIENCE

### PROJECT DESIGNER ..... 2016 - 2020

**OTJ Architects** | Washington, DC

- Specialized in restoration and adaptive-reuse of historic structures and ground up theaters.
- Led the design and management of a 40,000SF 19th century school renovation achieving LEED Gold.

### PROJECT DESIGNER ..... 2021 - present

**Reid Architecture PLLC** | Brooklyn, NY

- Assisted project design, development and visualization for over nine projects ranging in scale and program.

### LEAD PROJECT DESIGNER ..... 2019 - 2020

**BCD&D** | Washington, DC

- Led the design and management of an addition and renovation for a single family home.
- Conducted existing conditions survey, create a Revit model and design options based on clients desires.

### ARCHITECTURAL INTERN ..... 2015

**Spector Group** | New York, NY

- Developed client presentations, Revit modeling, BIM management, drawing production and renderings for five NYC projects ranging in different phases of design.

### ARCHITECTURAL EXTERN ..... 2016

**Bonstra Haresign** | Washington, DC

- Led the design of an ornamental fireplace for a high-end residential.
- Studied residential and commercial code in Washington, D.C.

### COFOUNDER & CEO ..... 2016 - 2019

**WAEC LLC** | Washington, DC & Boston, MA

- Autonomous ground drone delivery and logistics startup.
- Raised over \$100,000 within three years while employing a team of 17 engineers.
- Developed leadership, management, fundraising, robotics, artificial intelligence, delivery logistics, product manufacturing, client relations, trademarks, and intellectual property skill sets.

### CHIEF DESIGNER & CONTRACTOR ..... 2008 - 2016

**Ecks Landscaping** | Lake Monticello, VA

- Founded a landscaping company that served my community with projects ranging from basic property maintenance to full-service landscape architecture property design.

**REFERENCES UPON REQUEST**

## EDUCATION

### FIRST-PROFESSIONAL M.ARCH

**Pratt Institute GAUD**

- Spring 2022
- Cumulative GPA 3.95
- Advanced Standing Scholarship 2020 - 2022
- NCARB & RIBA Accredited

### B.ARCH

**University of Virginia SARC**

- Spring 2016
- Minor in Landscape Architecture

## EXTRA-CURRICULAR EXPERIENCE

### PROJECT MANAGER ..... 2014 - 2016

**Freedom by Design**

- AIAS - NCARB

### SOCIAL CHAIR ..... 2013 - 2016

**Sigma Alpha Mu**

## INTELLECTUAL PROPERTY

### PATENT NO. : 9,975,651

Transfer Station for Transferring Containers Between Unmanned Aerial Vehicles and Unmanned Ground Vehicles

### PATENT NO. : 10,647,508

Storage Station for Storing Containers Transported by Unmanned Vehicles

### PATENT APPLICATION NO. : 16/175,178

System and Method for Autonomous Shipping

## PUBLICATIONS

### AIANY/CENTER FOR ARCHITECTURE - WAST[ED]: LIVING WITH TRASH

Generative Intersection - Waste-to-Energy Facility  
Oct. 2021

### TRUST THE LEADERS - EMERGING COMPANIES

WAEC's Drones and the Last Mile of Delivery  
Feb. 2018

## LIST OF PROFESSIONAL PROJECTS

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### **OTJ ARCHITECTS**

1. STEVENS SCHOOL  
*LEAD PROJECT DESIGNER & BIM MANAGER (DD-CA)*  
WASHINGTON, D.C.
2. MLK MEMORIAL LIBRARY  
*PROJECT DESIGNER & BIM MANAGER (CD-CA)*  
WASHINGTON, D.C.
3. CINCINNATI MUSIC HALL  
*PROJECT DESIGNER (CA)*  
CINCINNATI, IL
4. ALAMEDA THEATRE  
*PROJECT DESIGNER & BIM MANAGER (DD-CD)*  
SAN ANTONIO, TX
5. SUNKEN GARDEN THEATER  
*PROJECT DESIGNER & BIM MANAGER (SD-DD)*  
SAN ANTONIO, TX
6. MARYLAND THEATER FOR THE PERFORMING ARTS  
*LEAD PROJECT DESIGNER (SD-DD)*  
ANNAPOLIS, MD
7. NASHUA PERFORMING ARTS CENTER (NPAC)  
*PROJECT DESIGNER (SD-DD)*  
NASHUA, NH
8. 512 10TH ST. NW  
*PROJECT DESIGNER (DD-CD)*  
WASHINGTON, D.C.
9. WEBSTER HALL  
*PROJECT DESIGNER (CD-CA)*  
NEW YORK, NY
10. THE NFL EXPERIENCE  
*PROJECT DESIGNER (CD-CA)*  
TIMES SQUARE, NEW YORK, NY
11. LIME KILN THEATRE  
*LEAD PROJECT DESIGNER (SD-DD)*  
LEXINGTON, VA
12. KITE BEACH THEATER  
*LEAD PROJECT DESIGNER & BIM MANAGER (SD-DD)*  
DUBAI, UAE
13. NATIONAL CITY CHRISTIAN CHURCH (NCCC)  
*PROJECT DESIGNER (SD-DD)*  
WASHINGTON, D.C.
14. M&T BANK PAVILION THEATER  
*PROJECT DESIGNER & BIM MANAGER (SD-CD)*  
BALTIMORE, MD
15. CHASE BANK  
*PROJECT DESIGNER (SD)*  
RICHMOND, VA
16. CREDIT UNION HOUSE  
*PROJECT DESIGNER (SD)*  
WASHINGTON, D.C.
17. GULFSHORE PLAYHOUSE THEATER  
*PROJECT DESIGNER (SD)*  
NAPLES, FL
18. UNION STAGE  
*PROJECT DESIGNER (SD-DD)*  
THE WHARF, WASHINGTON, D.C.
19. THUNDER VALLEY CASINO RESORT (TVCR)  
*PROJECT DESIGNER (SD-CD)*  
LINCOLN, CA

### **REID ARCHITECTURE**

20. AMYRIS - BIOSSANCE RETAIL POP-UP  
*LEAD PROJECT DESIGNER*  
MIAMI, FL
21. AMYRIS - NYC BIOSSANCE STORE  
*PROJECT DESIGNER*  
MEATPACKING, NEW YORK, NY
22. AMYRIS - UK BIOSSANCE STORE  
*PROJECT DESIGNER*  
LONDON, UK
23. AMAGANSETT HOUSE  
*PROJECT DESIGNER*  
AMAGANSETT, NY
24. MENOKIN GUEST HOUSE  
*PROJECT DESIGNER*  
WARSAW, VA
25. MENOKIN GATHERING HOUSE  
*PROJECT DESIGNER*  
WARSAW, VA
26. 29 E 64TH ST. KITCHEN  
*LEAD PROJECT DESIGNER*  
UPPER EAST SIDE, NEW YORK, NY
27. DITMAS PARK BATHROOM  
*PROJECT DESIGNER*  
BROOKLYN, NY
28. FLEETON HOUSE  
*PROJECT DESIGNER*  
FLEETON, VA
29. ROUND TOP POOL HOUSE  
*LEAD PROJECT DESIGNER*  
ROUND TOP, TX
30. SAG HARBOR HOUSE  
*PROJECT DESIGNER*  
SAG HARBOR, NY
31. STONE RIDGE HOUSE  
*PROJECT DESIGNER*  
STONE RIDGE, NY

### **BEYOND CATEGORY & DESIGN DEVELOPMENT**

32. HILLCREST HOUSE  
*LEAD PROJECT DESIGNER & BIM MANAGER*  
WASHINGTON, D.C.

### **OTJ ARCHITECTS - PROPOSALS / RFPS**

1. SHORT TERM FAMILY HOUSING - WARD 1  
*LEAD PROJECT DESIGNER*  
WASHINGTON, D.C.
2. THOMAS WOLFE AUDITORIUM  
*PROJECT DESIGNER*  
ASHEVILLE, NC
3. LAW SCHOOL ADMISSION COUNCIL (LSAC)  
*PROJECT DESIGNER*  
NEWTOWN, PA
4. SWISS EMBASSY  
*LEAD PROJECT DESIGNER*  
WASHINGTON, D.C.
5. AL SHARQ CROSSING  
*PROJECT VISUALIZATIONS (MJTX & GENSLER)*  
DOHA, UAE