

# ABE DRECHSLER

AIA  
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## Experience

### Product Manager, Senior Architect, Higharc

Remote | June 2021 – Present

- Develop methods to automate and optimize the design and documentation of buildings at scale.
- Ownership and focus on our Automated Planset asset.
- Manage and prioritize quarterly OKRs, biweekly sprints, and the broader product roadmap.
- Define clear and concise requirements for new features.
- Lead new client audits to verify product requirements
- Lead feature discovery and research with client stakeholders
- Support QA/QC efforts via bug reporting, feature validation, and product output auditing.
- Led architectural design of our off-the-shelf home product

### Architect, Ballinger

Remote | Nov 2020 – June 2021

- Led the architectural pre-design and documentation efforts of a 1,000,000 SQFT multi-building healthcare facility in Alexandria, VA.
- Responsible for systems coordination with consultant team, adhering to client schedules and deliverable requirements, managing internal team of architects, and interns.
- Utilized Dynamo and other computational tools to facilitate programming parameter management.

### Architect, KieranTimberlake

Philadelphia, PA | Nov 2015 – Sept 2020

- Led project team efforts on documentation and BIM management for institutional projects across USA and Canada.
- Collaborated with research team to advance computational tools and workflows for site analysis, parameter management, and data visualization.
- Co-led internal Near Future Practices team in efforts to reimagine architects' typical rituals, habits and practices. Focused on identifying practice gaps and looked to other industries and fields for inspiration.
- Project leader for pro-bono, sustainable, rowhome retrofit prototype.
- Initiated and led office videography efforts for project documentation and proposals.
- Administered full construction phase of complex housing project in
- Contributed to office's culture of inquiry via construction of full scale mock-ups, material research, and beta testing of in-house tools and softwares.

### Adjunct Faculty, Drexel University

March 2020 – 2021

Remote teaching ARCH 213: Architectural Representation III. Exploration of digital representation with an emphasis on making combining process drawing, digital fabrication and analog craft to develop three-dimensional representation skills.

### Co-Founder, Director, Within Formal Cities

June 2014 – 2019

Led initiative to share stories and inspirational design work from informal settlements in South America. Developed 45 minute documentary and screened in over 20 cities across 6 countries.

## Education

### North Carolina State University

Raleigh, NC | 2009-2014– Present

Bachelor of Architecture (Professional Degree) | May 2014  
Bachelor of Environmental Design in Architecture | May 2013  
Prague Institute | Prague, Czech Republic | Aug 2012 – Dec 2012  
Summa Cum Laude

## References

**Stephen Kieran FAIA,**  
Partner KieranTimberlake  
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**Tim Peters AIA,**  
Principal KieranTimberlake  
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**David Hill FAIA,**  
Dept Head School of Architecture, NCSU  
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## Skills

Revit, Rhino, Adobe Suite, Sketchup, AutoCAD, Bluebeam,  
Dynamo, Grasshopper, Familiarity with Python, P5JS.  
Figma, Notion, Slack, MS Teams, Google Suite, Office Suite.

## Awards

Best Software for Homebuilding, Fast Company | 2021, Higharc  
Most Innovative Company, Fast Company | 2020, KieranTimberlake  
Field Constructs Competition Finalist | May 2015  
AIA Henry Adams Certificate of Merit | Spring 2014  
Duda Travel Fellowship | Summer 2014  
ReSpace Competition Winner | 2013

## Related Activities

Guest Juror | NCSU, Dept of Landscape Architecture | April 2021  
Guest Juror | Drexel Univ. Philadelphia, PA | Dec 2016, Feb 2020  
Participant | PHL AIA Mentorship Program | 2016 – 2020  
Lecturer | NCSU Univ. Scholars, College of Design | March 2017  
Speaker | Community Design Assoc. Conf. Dallas, TX | June 2017  
Speaker | Carnegie Museum of Art, Pittsburgh, PA | Nov 2016  
Lecturer | AIA SE Regional Conference, Savannah GA | Aug 2016  
Lecturer | AIA Knowledge Communities Series | June 2015  
Guest Juror | NCSU, First Year Studies | 2010 – 2015