

# OLGA BIENIAS

BIM VDC/COMPUTATIONAL DESIGNER

## CONTACT

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- San Francisco, CA

## EXPERTISE

- BIM & Revit Proficiency**  
Advanced skills in creating, managing, and optimizing BIM models using Revit. Experienced in developing project-specific Revit families and templates to enhance design processes.
- Software Proficiency**  
Skilled in Python and Dynamo for architectural scripting; actively expanding knowledge in Grasshopper, Rhino, and C# to enhance design processes.
- Data Management & Visualization**  
Proven capability in managing complex data sets, utilizing SQL, and WebGL for interactive web application development.
- Collaboration & Communication**  
excellent communication skills, experienced in working alongside designers, engineers, and experts to refine and execute design concepts.

## EDUCATION

### Software Engineering Program

#### Hackbright Academy

Graduated Apr 2023 | San Francisco, CA

### M.S., Architecture

#### University of Leuven

2012 - 2014 | Brussels, Belgium

### B.A., Architecture

#### Technical University of Lodz

2010 - 2011 | Lodz, Poland

## PROFILE

Innovative Designer with a rich background in architecture, BIM management, and software engineering. Specializes in utilizing computational design to solve complex design challenges. Proficient in Python, Dynamo, Revit, and Web Development. Adept at integrating large data sets into design models, offering creative solutions, and possessing a keen interest in the intersection of aesthetics and technology. Proven capability in leading and mentoring teams, enhancing project efficiency, and delivering high-quality designs.

## WORK EXPERIENCE

### Continuous Learning & Project Development

San Francisco, CA

01.2023 - present

- Hackbright Academy - San Francisco, CA, Jan - Apr 2023:
  - Completed the intensive full-stack software engineering program
  - Developed PictureMapSF, an interactive map to navigate San Francisco using 24,000 geolocated photos, highlighting skills in data visualization and API integration.
  - Leveraged Python, PostgreSQL, Flask, JavaScript, WebGL, SQL, and other modern technologies to manage and visualize large data sets.
- Engaged in self-directed learning focused on computational design tools (Grasshopper, Rhino) and advanced programming languages (C#) to enhance design and engineering capabilities.

### Associate - Project Architect & BIM Manager

Eric Colbert and Associates

Washington, DC | Jan 2017 - Jan 2023

- Led architectural and design projects leveraging BIM for efficient execution, showcasing an ability to manage complex, multi-disciplinary projects from inception to completion, notable:
  - 440 Penn: Led from Design Development through Construction, delivering a 300-unit project with 305,000 sf of residential and 23,000 sf of retail space.
  - Mazza Galerie: Strategic redevelopment of shopping mall, with preservation of an underground parking structure and the addition of 343 apartments
- Developed custom Revit libraries and Dynamo scripts to automate and optimize design tasks, demonstrating a blend of technical and aesthetic problem-solving skills.

### Architect & BIM Manager

Bülow AG

Stuttgart, Germany | 2015 - 2016

- Implemented BIM standards, significantly improving project delivery and collaboration, reflecting leadership in adopting new technologies for design excellence.
- Architect for a 6-story office building, ensuring MEP and structural coordination through advanced Revit models.

### Staff Architect

Habil Architect

Stuttgart, Germany | 2014 - 2015

- Focused on the design of intricate architectural details for significant cultural projects, leveraging advanced design software to realize complex geometries.