

ANNABELLE SWAIN

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SKILLS

Expert



Rhino
Illustrator
InDesign
Photoshop
Vray
Vectorworks 2D
SketchUp
AutoCAD 2D Certified
Laser Cutting
MS Office
Technical Drafting
Model Making

Advanced



Revit
Grasshopper
Coding: Python

Intermediate



Coding: HTML, CSS, C++
Unity
Rapid ABB Robotics
RhinoCam CNC
MasterCam
RobotMaster
Cinema 4D
Solidworks

EDUCATION

Carnegie Mellon University | Pittsburgh, PA

Bachelor of Architecture Candidate 2018

- Studios: Focused on community based architecture and digital fabrication
- Coding Electives:
 - Created websites using HTML, CSS and Dreamweaver
 - Programmed industrial ABB robots
 - Learned Python in Fundamentals of Programming 15-112
 - Physical Computing
- Additional Design Electives:
 - Theme Park Design
 - Intro to Industrial Design

Autodesk BUILD Space and CMU Program | Boston, MA

June 2017

- Used incremental metal forming to create a hanging centerpiece for the conference area in AutoDesk's BUILD Space in Boston
- Controlled and programmed ABB Robots to create the panels

Architectural Association | London, England

Visiting School Program Autumn 2016

- Studio: Analyzed "One New Change" in Central London as well as the city of Liverpool. Created community office building for Prince's Dock, Liverpool
- Electives:
 - Made motion controlled animations using Unity and Microsoft Kinect
 - Researched historic interaction of Architecture and Music

Brooklyn Technical High School | Brooklyn, NY

Architecture Major Graduate 2013

- Earned AutoDesk AutoCAD Certification and worked heavily with Revit
- Constructed a 2-story timber frame house

HONORS

- Dean's List | Fall 2016-Present
- School Honors
Spring 2017-Present
- ACE Mentor Program
Scholarship | 2013-Present

INTERESTS

Fencing | since 2007

- Co-President of CMU
Fencing Club 2016-2017
- Vice President of CMU
Fencing Club 2015-2018
- Captain of Brooklyn Tech
Epee Team

WORK EXPERIENCE

Caples Jefferson Architects | Queens, NY

Intern, summers 2014-15 | Architect Trainee, summers 2016-17

- Created renderings for School Construction Authority Pre-school
-10 Bouck Court, Brooklyn NY
- Drafted drawings for various education, housing and museum project in all phases.
- Contributed design elements to projects.
- Set up and trained office in 3D printing
- Helped with putting together project and award proposals
- Created computer models for projects in Revit, SketchUp and Rhino 3D
- Surveyed and documented sites at Columbia University for renovation
- Helped with material section for various buildings
- Created physical models for projects