

JOHN_BAKER

baker.r.john@gmail.com

477_Park Pl._3R_Brooklyn_NY_11238

703_615_7666

Education:

Rensselaer Polytechnic Institute: [Troy, NY]

Bachelor of Architecture [BARCH] :: Economics [Minor] :: 2013

Magna Cum Laude (3.77) :: Dean's List [2008 - 2013]

Semester Abroad, Italy [Politecnico di Torino + University of Arkansas] [2010]

Center for Architecture Science and Ecology, CASE: [NYC, NY]

Joint program between Skidmore, Owings, & Merrill and Rensselaer Polytechnic Institute to study and research sustainable building technologies. [Graduate Courses] [2011]

Georgetown University: [Washington, DC]

Physics I + Physics II with Labs [4.0 GPA] [Summer 2010]

Stanford University: [Palo Alto, CA]

Programming (Java) and Client-Side Internet Technologies [4.0 GPA] [Summer 2012]

Experience:

Research/Development and Project Lead - Rukkus, Inc.:

Research and development for interaction design, hardware creation, and software pipelines for a profitable and rapidly growing tech start-up. Currently in charge of project direction and leading a project team for an undisclosed venture. [Sep.2015 - Present]

Project Manager and Designer - Jordan Parnass Digital Architecture (JPDA):

Design and project management experience in commercial, residential, retail, and installation design. Was in charge of all phases of project execution, including site+project analysis, schematic design, design development, construction documents, permitting, bidding, and construction administration. [Dec.2013 - Oct.2015]

Co-Founder, Design/Innovation Lead - Schwa.co (LLC):

Collaboration between engineers, programmers, and designers to create innovative product solutions. Our first project is an App to re-imagine the way individuals experience panoramic images on mobile devices and is currently in Beta testing. [May.2014 - Present]

Teaching Assistant - Structures II:

Teaching Assistant for the final structures course in Architecture. [Aug. - Dec.2012]

Intern - Olshesky Design Group, LLC.:

Internship involving project design, building models, and creating drawings. [Jul. - Aug.2009]

Honors:

Pella Prize - Scholarship:

Pella Scholarship for the student whose project demonstrates the most compelling integration of systems, materials, and technology in the School of Architecture. [May 2013]

Harriet R. Peck Prize - Finalist:

Finalist for the Harriet R. Peck Prize for the Best Solution to a Thesis Project in Architecture Design. [May 2013]

Guest Critique: Rensselaer Polytechnic Institute and Pratt Institute [2013-2015]

Smart Geometry: Redshirt, "Micro Synergetics" Cluster [2012]

Eagle Scout

Skills:

Modeling + Render: Rhino 3D, SketchUp, 3D Studio Max, V-Ray, Maxwell, Thea

Graphic Design: Adobe Illustrator CS6, Adobe InDesign CS6, Adobe Photoshop CS6

Parametric Modeling: Grasshopper [Galapagos, Geco, gHowl]

Analysis + Mapping: Ecotect, Risa 3D, Weather Tool, Quantum GIS, Code Review

Programming: Java, Processing, Matlab, Arduino, Dreamweaver, HTML 5, CSS, Javascript, jQuery

Drawing: Autocad, Microstation (Schematic, CD, DD, and Permit Sets)

Fabrication: Laser Cutting, CNC Mill, 3D Printing, Power Tools, Hand Modeling

Office: Microsoft Office [Word, Excel, PowerPoint, Outlook], Presentations, Permits, C.A.