Jonathan (Jono) Coles

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Education

University of Pittsburgh, Swanson School of Engineering 2020
BSE in Civil Engineering, Minor in Architecture, GPA: 3.3

Honors

Swanson School of Engineering Honor List :: 2017 — 2020
University of Pittsburgh Year of Creativity Grant :: 2020
University of Pittsburgh Honors College Creative Arts Fellow :: 2020
Winchester Thurston Award for Ingenuity in Technology, Research and Design :: 2016
Winchester Thurston Visual Arts Award :: 2016
Hilda Willis Arts Scholarship :: 2012 — 2016

Experience

University of Pittsburgh Office of Sustainability :: Sustainability Metrics Analyst   Aug. 2019 — Present
Working directly under Dr. Aurora Sharrard — Director of Sustainability for the University — to develop a real-time data network to track the University's progress on its sustainability goals. Concurrently developing live and interactive web content utilizing the data network to communicate the University's progress to the public. Utilizing Tableau and Google APIs.

Guggenheim Museum :: Undergraduate Researcher :: Remote, Pittsburgh, PA   June — Nov. 2020
Researched patterned architectural responses to speculated climate displacement scenarios in the US.

Springboard Design :: Summer Intern :: Pittsburgh, PA   May — Aug. 2020
Conducted schematic design and documentation for the renovation of a gallery and welcome center. Produced graphic content for the firm and its related businesses. Utilized Adobe Photoshop, Illustrator, InDesign, and Rhino.

Winchester Thurston School :: Guest Lecturer :: Pittsburgh, PA   Feb. 2020
Acted as a project advisor for Urban Research & Design, guiding students in investigative analysis of the built environment.

Mascaro Center for Sustainable Innovation :: Student Researcher :: Pittsburgh, PA   May — Aug. 2019
Worked under Dr. Melissa Bilec to research causations of pro-environmental behavior among institutions and their communities. Developed a framework for the University of Pittsburgh's public relations on sustainability.

Ibacos :: Junior Product Designer :: Pittsburgh, PA   May — Aug. 2018
Contributed to the design of innovative HVAC technology for the single-family homebuilding industry. Developed frameworks for the generation of mechanical drawings and established visual conventions for public-facing assets. Utilized Rhino, Grasshopper, Revit, Python, and Adobe Suite.

Blender Inc. :: Junior Graphic Designer :: Pittsburgh, PA   May 2015 — Feb. 2016
Designed posters, logos, and apparel for this public relations firm. Utilized Photoshop, Illustrator and InDesign.

Other Skills :: AutoCAD, BIM360, Civil3D, ReCap Pro, and .html.