

A L E S S A N D R A F L E C K



SKILLSET

hello.

I am a designer who is passionate about bringing art and imagination to life. Whether it be architecture or human-computer design, the ability of a design to weave and connect diverse communities continues to excite and inspire me.

CURRENT EDUCATION

carnegie mellon university pittsburgh, PA

deans list 2016-present, academic honors, class of 2020

currently pursuing an accredited Bachelor of Architecture (B.Arch) and a secondary major in Human Computer Interaction Design

PREVIOUS EDUCATION

central kitsap public high school silverdale, WA

high school diploma with honors, may 2015

notable awards: **salutatorian**, distinguished scholar, ap scholar, gpa: 3.8

NOTABLE AWARDS

_U.S. President's Academic Scholar Award

_University of Washington's Search for Young Scholars

_Viennese International Piano Competition_3rd Place Honor in Beethoven Music Performance

_2017 GRAY Awards Finalist for the design "FACET"



CONTACT



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ACADEMIC EMAIL

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OTHER EMAIL

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WEBSITE

alessandrafleck.com

RELEVANT EXPERIENCE

architecture/design intern Fraser and Fogle Architects, Seattle, WA

time, summer 2017

Designed an adaptive seating center with data visualization currently under review under a tech company in Seattle. The design has recently been announced a 2017 GRAY Awards finalist.

machine learning in health research assistant CMU, Human-Computer Interaction Institute

time, fall 2017-present

Working towards understanding the influence of technology on people. Currently assisting on research towards the development of an application for expanding the health literacy of pregnant women.

digital fabrication lab assistant CMU, SoA

time, spring 2017

KNOWLEDGE IN THE USE OF...

AS A DESIGNER

_3D PRINTING

_LASER CUTTING

_CNC ROUTING

_VACUUM FORMING

_TRADITIONAL WOOD SHOP MACHINERY

AS AN ARTIST

_ACRYLIC

_WATERCOLOR

_SCULPTING _PORTRAITS

_CONTOUR SKETCHES

_CASTING _MODEL MAKING

AS A MUSICIAN

_17 YRS] PIANO PERFORMANCE

_10 YRS] VIOLIN/VIOLA

AS A COMMUNICATOR

Proficient in English, Understand and can read Spanish, Korean

RELEVANT COURSEWORK

— **ARCHITECTURAL TECHNOLOGY**_building physics, materials and assembly, structures

— **DIGITAL FABRICATION**_making intelligence, digital media (i & ii)

— **USER EXPERIENCE**_case studies in architecture, human factors

— **ANALOG**_analog media (i & ii)

— **COMPUTATION**_fundamentals of computational design, generative modeling

— **HISTORY**_modern architectural history, history of sustainable architecture