

Natalie Figueroa | Electrical Engineer and Physicist

Address 4518 S 179th Dr, Goodyear, AZ 85338

Phone (623) 910-1945

Email nafiguel@asu.edu

RESEARCH

- 2021 - Present Research Aid | Biodesign Institute - ASU Lightworks
- Precision work and assembly of intricate pieces
 - Designed and produced heater coils for temperature experimentation
 - Fabrication of tungsten alumina heaters for thermochemical reactor
 - G-Code iterations for firebrick layers
 - CAD design and creation of 3D models
 - Persistence of completing radiant lamps and counterparts
- 2022 - Present Research Aid | School of Earth and Space Exploration
- Cosmological processes on meteoroids
 - Particle physics on microscaled planetary objects
 - Chemical and isotopic identification
- 2022 - Present Lab Aid | Physics Department
- Circuit testing and soldering of components
 - Arduino and Python coding for data analysis
 - Intuitive design for course usage

EDUCATION

- 2020 - Present Bachelor of Science in Electrical Engineering | Arizona State University
- Dean's List
- 2020 - Present Bachelor of Science in Physics | Arizona State University
- Dean's List
- 2018 - 2020 Associate of Science | Estrella Mountain Community College
- ACE Scholarship

AWARDS

- 2021 Quesada Scholarship
- Award presented to Hispanic or Latinx students in the pursuit of thesis work
- 2020 - Present Barrett Honors College
- Prestigious honors college at Arizona State University
- 2020 Conservatory of Arts Capstone
- First class in state to receive gold diploma seal that signifies completion of capstone