

Jay Clay

Mathematician + Artist

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Algebraist, printmaker, and aspiring enigmatologist passionate about embracing the artistry of math. Experienced in Python, teaching, and research methods in the arts and sciences.

Education

B.S. in Pure Mathematics, B.A. in Studio Art
Florida State University
Magna Cum Laude, National Merit Scholar

May 2023
Tallahassee, FL

Experience

Math Instructor, Mathnasium

Aug 2023—present

Instruct and develop math subject learning plans for students from elementary through high school: engage struggling students, personalize instruction, embrace unique educational needs; recognized as instructor of the quarter

Printmaker, Department of Art at Florida State University

Jan 2023—May 2023

Development of research-based printmaking portfolio: synthesize math concepts and artificial intelligence with artistic representations, experiment with new-media printmaking techniques, develop multi-media printmaking strategies

Digital Fabricator, Department of Art at Florida State University

Aug 2022—Jan 2023

Research in applications of machining software in arts: identify and resolve arts applications of engineering techniques, Fusion360, CNC cutting, machine milling, 3D printing

Biochemical Intern, Biomolecular Research Annex at University of Central Florida

June 2021—July 2021

Research in developing polyamine loops for anti-cancer drugs: synthesize and isolate organic compounds, conduct NMR spectroscopy, procedural

report writing, ChemDraw graphics

Interviewer, *North Florida LGBTQ Oral History Project at Florida State University*

Oct 2020—Jan 2021

Research in developing an oral history project: interviews, transcribing, oral history methodology, queer history and studies, archive development

Printmaker, *Department of Art at Florida State University*

Aug 2020—Jan 2021

Independent artist book development in queer studies: combining research with lived experiences of queer North Floridians, expanded printmaking techniques, multimedia screen printing

Research Assistant, *Department of Art at Florida State University*

Aug 2019—May 2020

Research-based artist book and installation project: screen/intaglio/risograph printing, grant writing, collect and organize data on sound art studios for grant development

Research

**Donation Center:
Artistic Commentary on Healthcare**

Aug 2019—May 2020

Printed media development examining the relationship between medicine and us, our understanding of our bodies and mortality, and issues regarding access to and the economics of healthcare (with Daniel Luedtke)