

Anthony Hevia

4025 Vincennes Pl, New Orleans, LA, 70125 | anthonyxhevia@gmail.com

EDUCATION

Hamilton College, Clinton, NY | GPA: 3.6 (Dean's List)

Graduated May 2024

- Bachelors in Computer Science and Mathematics
- Coursework: Genetic Programming, Artificial Intelligence, Algorithms and Data Structures, Principles of Programming Languages, Real Analysis, Modern Algebra, Linear Algebra, Multivariable Calculus, Differential Equations, Symbolic Logic

Aquincum Institute of Technology (AIT), Budapest, Hungary

- Spring 2023 semester abroad during Hamilton College attendance
- Coursework: Mobile Software Development, Graph Theory, Computer Graphics

PROJECTS

Coding Projects:

- Genetic Programming System (PushGP implementation in Clojure)
- Graph Bipartitioning Experiment (Python/C++ implementation and testing of graph partitioning algorithms)
- Mancala (an exercise in circular linked lists and class inheritance)

EXPERIENCE

Genetic Programming Researcher, Hamilton College Computer Science Department

June 2023 – Aug. 2023

- Implemented new features in the Code Building Genetic Programming (CBGP) system
- Research in concepts such as ad-hoc polymorphism and its applications to CBGP

Computer Science Researcher, Hamilton College Computer Science Department

Jan. 2022 – Aug. 2022

- Research in finding potential data reductions for the NP-hard Minimum Vertex Clique Cover Problem
- Implemented a linear program to determine a lower bound on Min VCC for sparse graphs
- Co-authored [Solving Edge Clique Cover Exactly via Synergistic Data Reductions](#) for European Symposium on Algorithms (ESA 2023)

Computer Science Teaching Assistant, Hamilton College

Jan. 2021 – May 2024

- Graded student homework and projects
- Hosted TA drop-in hours and lab sessions to answer questions from students regarding programming
- Classes Covered: CS101 (CS for All, Python), CS102 (Design Principles, C++) , CS230 (Algorithms and Data Structures), CS220 (Principles of Programming Languages)

Digital Scholarship Services Senior Intern, Hamilton College, Clinton, NY

Jan. 2021 – Dec. 2022

- Participated in research regarding underwater photogrammetry using a remotely operated vehicle
- Archival work, scanning artifacts and creating digital 3D models
- Worked on interdisciplinary digital collection projects across various web development and metadata platforms including Omeka S, CollectionBuilder, and WordPress
- Organized and parsed metadata to determine the best way to group and display information for a given project

LITS Help Desk Tier 1 Support, Hamilton College, Clinton, NY

Sept. 2020 – Nov. 2022

- Assisted clients regarding technical issues, troubleshooting over the phone
- Conducted independent research regarding issues and following up on them via the Cherwell system

ACTIVITIES

Aug. 2020 – May 2024

Hamilton College, Clinton, NY

- **Member**, Hamilton College Coding Team
- **Member**, Hamilton College Brothers Organization

SKILLS

- Technical Skills: Python, C++, Kotlin, GLSL, Clojure, Git, HTML, Office 365, G Suite, MacOS and Windows