Anthony Hevia

anthonyxhevia@gmail.com | (305) 206-7517 | LinkedIn Profile | Website | GitHub

EDUCATION

Hamilton College, Clinton, NY | GPA: 3.6 (Dean's List) *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 – Study Abroad *Spring 2023 Semester* Coursework: Mobile Software Development, Graph Theory, Computer Graphics
- **Coding Projects:** Genetic Programming System (PushGP implementation in Clojure); and Graph Bipartitioning Experiment (Python/C++ implementation and testing graph partitioning algorithms)
- **Activities:** Hamilton Coding Team; Hamilton Brothers

EXPERIENCE

Genetic Programming Researcher, **Hamilton Computer Science Department** *June 2023 – Aug. 2023*

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

Computer Science Researcher, **Hamilton 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

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

TECHNICAL SKILLS

- **Programming Language:** Python, C++, Kotlin, GLSL, Clojure, Git, Javascript
- **Tools and Platforms:** Git, HTML, CSS, Office 365, G Suite, MacOS, Windows
- **Methodologies:** Agile, Test-Driven Development (TDD), Rapid Prototyping