Simon Ever-Hale

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ACCOMPLISHMENTS

Artist at Bridges Finland 2016, an international juried math art conference and exhibition.
Led a team of 5 to create a challenging and satisfying puzzle game in 4 weeks (cs-361-project.github.io).

EXPERIENCE

Data Science REU Research Intern, UMass Amherst
Amherst, MA — May 31, 2016 - Aug. 5, 2016
Developing a machine learning model in Python to extract and tag individual poems from OCR-scanned books for the Proteus search engine.

Research Intern, Technion University
Haifa, Israel — Jan. 4, 2015 - Jan. 24, 2015
Created graphical extension to GUIrit, a robust 3D modeling environment. The extension is now part of the software.

Bike Mechanic and Salesperson, Hampshire Bicycle Exchange
Amherst, MA — June 2015 - Aug. 2015
Built new bicycles, repaired used bicycles and assisted customers in finding the right bike for them.

Computer Technician and Helpdesk Consultant, Multiple Employers
Oberlin, OH, Northampton, MA — June 2012 - Current
Network and computer maintenance and helpdesk work on both PC and Mac.

Lead Programmer, FIRST Robotics Team 4097
Northampton, MA — Jan. 2012 - Apr. 2014
Oversaw and led all software development and programming trainings in Java through 3 seasons of competition. Coordinated with design and electronics teams to determine what was feasible to build in the strict 6-week build. Worked extensively with image processing and hardware interfacing.

EDUCATION

Oberlin College, Oberlin, OH
2014-2018
Expected graduation in May 2018 with BA degrees in both Computer Science and Math.
Cumulative GPA of 3.85

Northampton High School, Northampton, MA
Graduated June 2014 with 3.7 GPA and 20 AP credits
National Honor Society Member

SUMMARY

Self-directed and motivated third year at Oberlin College pursuing degrees in Computer Science and Math and passionate about creating generative, autonomous art. Experience leading and training teams for large projects with tight deadlines.

SKILLS/INTERESTS

Generative art and creative coding.
Quickly and efficiently adapting to new languages and environments.
Proficient in: Java, Processing, Python.
Experience in: Unity, C++, C#, C, PHP, MySQL, HTML, CSS, JS, JQuery
Interests: Rock climbing, bike repair, Jazz bass, cooking

RELEVANT COURSEWORK

MATH 331 - Optimization	MATH 345 - Information Theory	MATH 397 - Seminar in Mathematical Modeling	CSCI 275 - Programming Abstractions
MATH 232 - Linear Algebra	MATH 231 - Multivariable Calculus	CSCI 280 - Algorithms	CSCI 210 - Computer Architecture
MATH 335 - Probability	MATH 220 - Discrete Math	CSCI 361 - Game Design	CSCI 241 - Systems Prog.
CSCI 374 - Data Mining (AIT Budapest)	User Interface Design (AIT Budapest)	Mobile Software Dev. (AIT Budapest)	