

Danielle Gyory

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Portfolio: <https://daniellegyory.myportfolio.com>

EXPERIENCE

Interactive Designer in Undergraduate Research

Lehigh University, June 2018-May 2019

Used Javascript and d3.js to create interactive webpages using data from papers surrounding Facebook non-use and reversion.

CoLab Fellow

IDEO, January 2018

Two week collaboration with mentors and fellows to apply design thinking to human-centered problems.

Senior Designer

Fusion Studio, August 2017-May 2018

The collaboratively run student design agency at Lehigh University provides clients with branding, marketing, and advertising solutions to visually communicate the client's ideas.

Intern

LaunchBayC, May 2017-July 2017

Created a computer vision technology that counts Varroa mites in beehives during this student entrepreneurship program [see MiteLabs below].

Assembly Technician

BD Medical Technology, May 2016-July 2016

Assembled an electromechanical drug pump and subassemblies for engineering testing.

PROJECTS

MiteLabs

mitelabs.us

An application for beekeepers to accurately and easily count the amount of mites in their hives. Used market research and customer feedback to develop proof of concept and an app interface. Project awarded "Best Idea" at Demo Day.

Electron Microscopy Interactive Display

Designed and integrated a Parallax website with a LED display for a historical microscope at Lehigh University. Designed with Debian and Python to connect Pi to the website.

SweetChain

Ethereum private blockchain network built with geth and ganache interfaces used to record the crash data off a car.

EDUCATION AND RELEVANT COURSE WORK

BS in Computer Engineering, Minor in Graphic Design

Lehigh University, May 2019, GPA: 3.05

Relevant Coursework: Digital Systems, Computer Architecture, Software Engineering, Operating Systems

SKILLS

- Computer: Java, JavaScript, d3.js, C, C++, Python, Solidity, Verilog, Spice, LabView
- Adobe Creative Suite, InVision, Sketch, MATLAB
- Written/Spoken: English, Italian (Beginner)
- Dual Citizenship: American, Italian

INVOLVEMENT

Beekeeping Club

Vice President, January 2016-May 2019, Lehigh University

Maintain beehives and lead fundraising efforts to reverse extinction of European honeybees.