

Malcolm Augat

Experience

2022 – NOW **Beekeeper, *Siller Pollinator Company***

2018 – 2022 **Baker, *Bodo's Bagels***

Worked as part of a team to bake bagels, take orders, prepare food, and maintain workspace.

- Baked up to hundreds of bagels per hour, and scaled numbers based on anticipated store business
- Cleaned workstation daily, and maintained oven, kettle, and seeds
- Prepared ingredients in back-of-house — e.g., sliced meats, prepared salads, and made dough
- Took customer orders and answered questions while maintaining a consistently positive attitude

2010 – 2017 **PhD Student, *University of Virginia Department of Biology***

Advised by Edmund Brodie III, left without degree.

Designed and managed field and greenhouse projects to investigate evolution in flowering plants.

- Implemented projects at multiple scales, from classroom experiments to multiyear designs
- Managed and organized collections of thousands of seeds and plants for use in experiments
- Cleaned and formatted data, and analyzed data with a variety of regression-based statistics
- Mentored several undergraduate researchers, and taught numerous lecture and discussion classes
- Wrote ImageJ plugins and MATLAB scripts to collect morphological data from images.

2010 **Junior Developer, *Aquafadas SAS***

Created software tools to help prepare comics and magazines for display in smartphone applications.

2009 **Research Associate, *Drexel University Mechanical Engineering and Mechanics Department***

Developed software for automatic detection and identification of bar-coded beetles in photographs.

Education

2009 **Bachelor of Arts, *Swarthmore College***

Majored in Computer Science and Biology

Skills

Programming languages

Fluent: Python, R
Proficient: C++, C, SQL, Matlab, Bash
Familiar: HTML/CSS, PHP, JavaScript

Hobbies

- **Beekeeping:** Assess hive condition, treat diseases, and maintain detailed records
- **Homebrewing:** Brew a variety of styles using malt extract
- **Gardening:** Soil preparation and plant care

Volunteering

- **Charlottesville-Albemarle SPCA:** Foster and care for puppies and dogs
- **IRC New Roots:** Help maintain infrastructure and perform gardening tasks as requested by refugee gardeners

Natural languages

Fluent: English
Proficient: French