

# Avery Harnish

## PERSONAL DETAILS

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*GitHub*        @EverlastingBugstopper

## EDUCATION

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**Lafayette College** 2015-2019  
*Easton, PA*

Coursework in Computer Science, Calculus, Discrete Mathematics, Religion, and Physics. Pursuing a B.A. in Computer Science and a B.A. in Religious Studies. Treasurer of the Association for Computing and Machinery at Lafayette, and member of Outdoors Society. I have developed a small social network with a group of students for the Software Engineering course, and a Ruby on Rails app that visualizes data from a Postgres server using D3.js

## WORK EXPERIENCE

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**Staff Assistant/Software Developer** May 2016-Jan 2017  
*Manna Foods, LLC, Full-time*

Was hired solely to review security cameras and answer phones, but moved into a more technical role. I developed a visual basic application in Microsoft Excel to manage inventory in the warehouse, updated company policies and procedures using Python scripts, and participated in upgrading a decade-old server. I also wrote multiple scripts to automate various mundane tasks that were previously performed by manual labor, such as archiving old documents, and maintaining a file structure for current documents.

**Student Employee** Aug 2016-May 2017  
*IT Services at Lafayette College, Part-Time*

Used Footprints ticketing system, handled technological issues with both faculty and students, in addition to upgrading campus equipment.

**Full Stack Software Development Intern** May 2017-Current  
*Snowvation, Full-Time during Summer, Part-Time during School*

I am currently working with a small development team to create Shredbetter.com. Shredbetter allows ski resorts to manage their instructors and lesson bookings through an online, mobile-friendly, e-commerce platform. I have developed a large amount of features for the site, including the autocomplete search function, notification system, staff management page. The technologies I have worked with include Flask (with Jinja2), SQLAlchemy (with MySQL), Typeahead, FullCalendar, and Bootstrap 4.

## SKILLS

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*Languages*      PYTHON, VISUAL BASIC, CSS, JAVASCRIPT, HTML5, JAVA, C++, SQL, RUBY  
                         L<sup>A</sup>T<sub>E</sub>X  
*Other*            BOOTSTRAP, BEAUTIFULSOUP, RUBY ON RAILS, FLASK