Jack Timmins

https://tim-jackins.github.io/

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EDUCATION

Charlottesville High School — Charlottesville, VA
Advanced Diploma — *Aug. 2014 – May. 2018*

Piedmont Communnity College — Piedmont, VA
English 111 - 112 — *Aug. 2017 – May. 2018*

EXPERIENCE

Company — Location
Title — *Time*
- **Project**: Description

Greenbrier Elementary School CLASS Program — Charlottesville, VA
CLASS Counselor — *Jan. 2015 – July. 1015*
- **Counselor**: I supported lead staff, supervised children, and planned / lead activities.

Lighthouse Instruments — Charlottesville, VA
Intern — *June. 2016 – July. 2016*
- **Misc**: I was in charge of inventory for stemmed glass and helped design a vacuum system workstation.

Lighthouse Instruments — Charlottesville, VA
Intern — *June 2017 – July 2017*
- **Vial Washer**: I designed and built a device for inspecting glass vials and a device for cleaning sets of glass (sets no large than 49).
- **IT Tech**: I helped setup a network computer cloning server using software called FOG. I also imaged a lot of the laptops that Lighthouse uses to control their machinery.

Babylon Microfarms — Charlottesville, VA
Programmer — *September 2017 – Present*
- **Microcontroller Programmer**: Babylon Microfarms produces household hydroponic farms. The farms contain a suite of sensors that are controlled via python. I contribute to that cobebase. Contributions include: texting and slack messaging capabilities and some code quality assurance.
- **Cloud Server Technician**: My server is in charge of communicating with farms, saving data, and making that data available to users.

PROJECTS

- **Name**: Description
- **Zero Robotics**: A programming compitition with a focus on C, vector math, and problem solving
- **SSA**: Super Space Adventure, a fully autonominous package hosting a suite of sensors controlled by python. We launched twice and successfully good photos of the atmosphere.