

# AARON WILKINSON

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## SKILLS

- Frontend: JavaScript | jQuery | React | HTML5 | CSS3
- Backend: Node.js | Python | Flask | Tornado | C/C++
- Database: Oracle | PostgreSQL | SQLite
- Other: Crystal Reports | AutoHotkey | Kanban | Git
- Learning: Redux | SASS

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## PROJECTS

### BODITRAQ

July '18

[github.com/aaronkyl/boditraq](https://github.com/aaronkyl/boditraq)

- Web application allowing users to create private accounts and track body measurements over time
- Built with Tornado, Node.js, JavaScript, jQuery, HTML, CSS, and PostgreSQL

### CS50 FITNESS

Jan '18

[github.com/aaronkyl/CS50/tree/master/project](https://github.com/aaronkyl/CS50/tree/master/project)

- Web application allowing users to create private accounts and custom exercise routine templates to track workouts over time
- Built with Flask, Python, HTML, CSS, and SQLite

### DONOR AUTOMATED VISIT CREATION

June '17

[github.com/aaronkyl/AutoHotkey](https://github.com/aaronkyl/AutoHotkey)

- Custom automated visit creation program to reduce time needed to create test donations. Allows selection of desired collection type and enters physical exam results within that type's acceptable range. Reduced time needed to create test donation from 3.5 minutes to 25 seconds.
- Built with AutoHotkey

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## EXPERIENCE

### THE UNIVERSITY OF TEXAS MD ANDERSON CANCER CENTER

Houston, Texas

*Applications Systems Analyst*

Mar '14 - Present

- Lead analyst responsible for bringing live and providing 24/7 support for the four Haemonetics applications in use by the section of Donor Operations.
- Used AutoHotkey scripts in conjunction with custom barcode cheat sheets and handheld barcode scanner programming to increase blood component manufacturing process speeds up to 300%.
- Created SQL scripts and batch files to automate test ordering and resulting in ElDorado Donor to place restrictions and attributes on donors as workarounds for currently undeveloped vendor application functionalities.

*Database Coordinator*

Aug '11 - Mar '14

- Provided clear overall data summaries and the supporting scrubbed donor data to pathologists for research papers.
- Created well formatted, easy to follow comprehensive test scripts and testing documentation for hundreds of changes made to the MAK-Progesa system per CAP requirements.

*Medical Laboratory Scientist (Medical Technologist)*

Aug '09 - Aug '11

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## EDUCATION

### DIGITALCRAFTS

*Full Stack Flex Program, Software Development*

Houston, TX

March '18 - Present

### THE UNIVERSITY OF TEXAS MD ANDERSON CANCER CENTER SCHOOL OF HEALTH PROFESSIONS

*Bachelor of Science in Clinical Laboratory Science*

Houston, TX

August '08 - August '09

### TEXAS A&M UNIVERSITY

*Bachelor of Science in Microbiology*

College Station, TX

September '03 - December '07