

Location: Chicago, IL
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Aaron I. Trierweiler

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github.com/ait530/
ait530.github.io/

TECHNICAL SKILLS

Languages: JavaScript, jQuery, Express.js, Node.js, React.js, CSS, Sass, HTML, Git, MySQL, MongoDB, Python

Services: Heroku, GitHub, APIs, npm, Firebase

Software: Adobe Photoshop, Adobe Illustrator, GraphPad Prism

PROJECTS

Mini Library Book Tracker | *Front-End Developer*

- Front-End Developer: Coded client side interface using handlebars, email validation with JavaScript, and MySQL database connection.
- Technologies: Node.js and Express.js for server connection and routing, MySQL database for library books identification, Handlebars for front-end, ORM to render database information to front-end, Heroku for deployment
- <https://github.com/DKMitt/mlbt> | (deployment to Heroku in progress)

Body Shop Profits & Loss | *Back-End Developer*

- Back-End Developer: Coded equations using jQuery and coded back-end that connects Firebase for data entry.
- Technologies: JavaScript for calculations and connection to database, HTML and CSS for front-end, Firebase used as database, Heroku for deployment
- <https://github.com/ait530/Body-Shop-Profits-Loss> | <https://ancient-peak-57728.herokuapp.com/>

PROFESSIONAL EXPERIENCE

UNIVERSITY OF MICHIGAN KELLOGG EYE CENTER

Research Assistant: Graves' Disease & Thyroid-associated Orbitopathy

Ann Arbor, MI
July 2015 – Jan. 2017

- Interacted with patients to consent for blood and tissue specimens for TAO research
- Epic MiChart Software Experience
- Laboratory Maintenance: Autoclaved waste, sterilized and cleaned laboratory equipment, maintained water baths and CO₂ incubators, organized laboratory stock and assisted in inventory
- Laboratory Techniques: PBMC Isolation, RNA Extraction, RT-PCR & qPCR, Gel Electrophoresis, Spectrophotometry, Cell Culture, Purification of RNA from Lipid Tissue, Plasmid Purification

EDUCATION

NORTHWESTERN UNIVERSITY

Full-Stack Web Development Certificate, Northwestern Coding Boot Camp

Evanston, IL
Awarded July 2017

- HTML, CSS, JavaScript, jQuery, Bootstrap, React.js, Node.js, MongoDB, MySQL, Command Line, Git, Python, and more.

UNIVERSITY OF MICHIGAN

Bachelor of Science in Biomolecular Science

Ann Arbor, MI
Awarded Apr. 2015

- **Course Highlights:** Bioinorganic Chemistry, Biochemistry, Genetics, Analytical Chemistry, Organic Chemistry, Multivariable Calculus, Biostatistics, Physics: Electricity and Magnetism
- More than two years of chemistry laboratory and medical research experience as well as volunteering in hospital settings during my undergraduate education. In addition, I completed a well-rounded liberal arts course load.

Publication (Coauthor)

The Journal of Clinical Endocrinology & Metabolism

Elevated serum tetrac in Graves' disease: potential pathogenic role in thyroid-associated ophthalmopathy

Ann Arbor, MI
Oct. 2016

PERSONAL

- Avid Reader, Marathon Runner, Jazz Guitarist, Cellist, Coder