

SPENCER HUYCK

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TECHNICAL SKILLS

HTML, CSS, JavaScript, Python, C#, React.js, .NET Core, jQuery, Django, Express.js, Flask, ASP.NET Core MVC, Bootstrap, MongoDB, MySQL, SQLite, Node.js, Sequelize, SASS, Mongoose, Bcrypt, Axios.js, Azure, AWS, Nginx, Ubuntu, JSONWebToken, Blazor, Balsamiq, Email.js, Stripe

TECHNICAL PROJECTS

Auto Repair Shop | *Full-Stack Developer* | Tacoma, WA 2021
Functional client-facing business appointment app: *MySQL, Express, React, Node.js, Sequelize, JavaScript, SASS, HTML, Bcrypt, JWT*

- Connected client-side appointment form with Email.js for automatic email confirmation for both client and shop. React hooks allow seamless update to the form and schedule to prevent overbooking.
- Utilized SASS modules to create locally scoped classes for easy customization to match client style preferences.
- Integrated Admin login and dashboard provides basic CRUD applications for Admin staff to track appointments with a MySQL database, while maintaining vehicle records to reference for both staff and clients.
- Incorporated Google Map API for interactive location finder and quick access to directions for an improved UX.

Hydroponic Farm | *Full-Stack Developer* | Tacoma, WA 2021
Customizable e-comm app: *Django, Python, SQLite, SASS, Stripe*

- Merged Stripe payment platform for secure data control, easy customer checkout and to improve organization of product inventory after transactions for simple tracking and updating.
- Multi-level application access established through class inheritance for admin and developer users gives flexibility to limit access of product creation, updates, and deletion to only approved users.
- Incorporated SASS modules in a block-element-modifier format for easy to follow and update styling that can be quickly scaled for business needs and reused for future projects.

Team Connect | *Full-Stack Developer* | Tacoma, WA 2021
Visual project management tool helping teams accomplish goals:
MongoDB, Express, React, Node, HTML, SASS, Bcrypt, JWT

- Utilizes React hooks to produce an interactive task board that updates the database as you move your tasks on the board - providing a fun and convenient method of tracking a project's status.
- Implementing MongoDB referencing to link collections and reduce document storage size and for scalability.

PROFESSIONAL EXPERIENCE

Assistant Program Chief | *United States Air Force Reserve* | Malmstrom AFB, MT 2019-Present

- Validated a new process for reservists to qualify for high reliability operations and accomplished the first operational shift crewed by a reservist in Missile Operations at Malmstrom AFB.

Instructor/Supervisor (Missile Ops) | *United States Air Force* | Malmstrom AFB, MT 2016-2019

- Led 7 instructors in training content and materials revision - creating new guides and tools for technical and leadership skills development: earning 2019 instructor and professional team for the second quarter.
- Implemented process-improvement of supervisor certifications that identified 13 areas for improvement: increasing mission preparedness 44% and streamlining certification process by 50%.
- Integrated new maintenance and quality-of-life tracking system to ensure operational readiness for a multimillion-dollar control-center. Successfully repaired 30 issues - earned 2017 facility of the year.

EDUCATION & CERTIFICATIONS

Coding Dojo | *Full-Stack Developer Certificate* | Bellevue, WA 2021

- *Immersive Full-Stack Training Program in Python, C# and MERN*

Colorado State University | *BA in Sociology* | Fort Collins, CO 2015

- *AFROTC Leadership Scholarship Recipient, Minor in Interdisciplinary Leadership Studies*

Security Clearance | Top Secret/SCI Current