# DAVID THOMAS

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🔗 **github.com/DavidThomas-coder**          📍 **Somerville, MA**

## SKILLS

**Languages:** JavaScript, Python, SQL, TypeScript, HTML, CSS | **Databases:** PostgreSQL, MySQL, SQL Server, Oracle, Snowflake
**Frontend:** React.js | **Backend:** Express, Node.js, Flask, Django, RESTful APIs, JSON | **Development:** Agile Methodologies, Git, OOP
**Data & Analysis:** ETL, Data Pipelines, Performance Analysis, Pandas, Databricks | **Testing:** End to End Testing, API Testing,
Automated Testing

## PROFESSIONAL EXPERIENCE

### Apprentice Full Stack Engineer

**Launch Academy**

📅 02/2023 - 06/2023     📍 Boston MA

Coding Bootcamp

- Created multiple full stack web applications during an immersive bootcamp using JavaScript, PostgreSQL, Express, and React, building a diverse portfolio of functional projects.
- Developed web applications collaboratively with different student teams, adhering to Agile best practices and leveraging GitHub for version control and project management to enhance team efficiency and code quality.
- Contributed to project teams in an Agile workflow, participating in the successful delivery of three group projects, while assisting peers and working collaboratively.
- Utilized Jira and Trello to ensure efficient project management and timeline adherence, hosted daily standups to check in with the team, boosting team productivity and reducing code conflicts.

### Event Manager

**Michael P. Wasserman Inc.**

📅 09/2021 - 02/2023     📍 Boston MA

Event Management

- Acted as the primary liaison between event hosts, sponsors, and internal teams, ensuring cohesive collaboration and successful event execution.
- Managed complex event operations, fostering positive stakeholder relationships and facilitating beneficial partnerships with sponsors.
- Maintained precise database records in Microsoft Access for events with over 6,500 attendees and 100+ sponsors, ensuring efficient data handling and reporting.
- Tracked donations for annual campaigns totaling $1.3M+, providing accurate financial records and increasing transparency.

### Reimbursement and Benefits Systems Analyst

**Tufts Health Plan**

📅 10/2015 - 03/2019     📍 Watertown MA

Non-Profit Health Insurance

- Developed SQL queries for accurate data analysis and reporting, enhancing decision-making processes.
- Analyzed contracts and configurations, tracked code updates, and conducted payment analyses to ensure accurate disbursements to contracted providers.
- Identified and communicated the impact of annual and periodic coding updates on Network Health benefits, operations, payment policies, and reimbursements.
- Developed and maintained comprehensive testing processes to ensure adjustments were correctly implemented without affecting processing across all operational areas.

### Data Analyst

**New England Fisheries Management Council**

📅 04/2012 - 10/2015     📍 Newburyport MA

Fisheries Resources Management and Conservation

- Translated and visualized data to generate comprehensive reports for council and committee meetings, enhancing understanding of fisheries sales exceeding $1M and management of thousands of pounds of fish.
- Compiled and analyzed multiple datasets using SQL, identifying trends and providing statistical test results to inform council actions and improve fisheries resource management and conservation.
- Advocated for ecosystem-based fisheries management by pioneering a new approach to address the effects of climate change on fisheries.

# PROJECTS

## Spotalyze

📅 06/2024 - Present

🔗 https://github.com/DavidThomas-coder/spotalyze

Spotalyze is a data analysis application designed to aggregate and analyze music trends from the Spotify API.
- Flask backend, Snowflake, Databricks, Pandas

## HeroSmith

📅 11/2023 - Present

🔗 https://github.com/DavidThomas-coder/herosmith

HeroSmith is a Dungeons & Dragons 5th Edition companion app, designed to help new players craft unforgettable characters.
- React frontend, Flask backend, PostgreSQL, Google Sheets API

## Riff

📅 07/2023 - Present

🔗 github.com/DavidThomas-coder/Riff

Riff is a comedy-based social network that invites users to share their stories and jokes based off a single daily universal prompt.
- React frontend, Express/NodeJS backend, PostgreSQL

## SWOLmate

📅 05/2023 - Present     📍 swolmate.herokuapp.com

🔗 github.com/DavidThomas-coder/SWOLmate

SWOLmate is a social meetup platform designed to help people find their ideal gym buddy, i.e. their SWOLmate.
- Via the Google Maps API and geolocation-based services, SWOLmate users are able to locate other SWOLmate users, gyms and meetup spots near their location. A fully functioning React-based message service also allows interaction between users
- React frontend, Express/NodeJS backend, PostgreSQL, Google Maps API

# COMEDY EXPERIENCE

## Standup Comedy Teacher

**ImprovBoston, Nova Comedy Collective**

📅 2018 - Present
- Fostered a supportive and collaborative learning environment, enhancing student development through targeted exercises, personalized feedback, and peer feedback.
- Developed and presented comprehensive curriculum on joke structure, confidence building, and public speaking, leading to improved student performance and engagement.

## Executive Producer, Product and Project Manager

**2MBStudios**

📅 2019 - Present
- Established Titan Wrestling Online, a comedy variety show with over 75 performers, and implemented weekly deadlines to streamline video creation and idea pitching, enhancing overall project efficiency.
- Utilized editing expertise in Da Vinci Resolve and strong relationship-building skills to maximize productivity, emphasizing artistic collaboration and idea brainstorming.

## Standup Comedian

**David Thomas**

📅 2015 - Present

Boston, MA (Laugh Boston, The Comedy Studio, ImprovBoston, ImprovAsylum)
New York, NY (Upright Citizens Brigade, Gotham Comedy Club)
Chicago, IL (Second City)
Los Angeles (Upright Citizens Brigade, The Comedy & Magic Club)

# EDUCATION

## B.S. Biological Sciences and Astronomy/Astrophysics

**Virginia Tech**

📅 2007 - 2011     📍 Blacksburg VA