Patrick F. Ham

Full-Stack Developer

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Objective

To gain entry-level employment which allows me to use my software development skills.

Education

December 2021 - June 2022
Georgia Tech Coding Boot Camp, Atlanta, GA – *Certificate*

- Full-Stack Web Development Training
- Half-year long, full-immersion program
- Complete development of 15+ projects, including 3 collaborative projects

August 2003 - June 2006
Mercer University, Macon, GA

- B.S., Information Technology and Informatics
- Completed all but one semester of the degree program.

August 2006 - December 2009
Pensacola Christian College, Pensacola, FL – *B.A. Music*

- B.A., Choral Conducting, received 2009
- Vocal Pedagogy, Instrumental Conducting, Composition and Arranging

Technical Skills

Front-End

- ReactJS
- Javascript
- CSS
- HTML

Back-End

- Object-Relational Mapping (Sequelize, Mongoose)
- Database Management (MySQL, MongoDB)
- Apollo Server, GraphQL
- NodeJS and Express Server

Projects

Re-Engage, by 'WWHam!' – *"…for better-engagement with what you're reading."*

Role: group project, initialized the GraphQL backend, designed the entire UI

Repo: https://github.com/PatrickFHam/Re-Engage/

Deployed: https://warm-gorge-10209.herokuapp.com/

Tools and Languages: React, MongoDB, Apollo GraphQL, NextUI, Javascript, HTML, CSS, Node.js, Express.js

The Shelf, by 'The Good Neighbors' – *"…your neighborhood's best community-shared-bookshelf."*

Role: group project, responsible for API fetches, HTML/CSS/Bootstrap

Repo: https://github.com/PatrickFHam/Good-Neighbor

Deployed: https://pure-cliffs-09110.herokuapp.com/

Tools and Languages: Handlebars, MySQL, Sequelize, Javascript, HTML, CSS, Bootstrap, Anime.js, Node.js, Express.js, Popper.js

SpeedRun Spectator, by 'The Good Neighbors' – *"…the fastest way to keep track of your favorite SpeedRunners."*

Role: group project, responsible for API fetches, HTML/CSS/Bootstrap

Repo: https://github.com/PatrickFHam/SpeedRunSpectator

Deployed: https://patrickfham.github.io/SpeedRunSpectator/

Tools and Languages: SpeedRun.com's API, Javascript, HTML, CSS, Bootstrap

Weather Dashboard – *… for quickly finding current and 5-day forecast weather data.*

Role: sole creator

Repo: https://github.com/PatrickFHam/WeatherDashboard

Deployed: https://patrickfham.github.io/WeatherDashboard/

Tools and Languages: OpenWeather API, JavaScript, HTML, CSS, Bootstrap

Code Quiz – *… for assessing how much one knows about coding.*

Role: sole creator

Repo: https://github.com/PatrickFHam/CodeQuiz

Deployed: https://patrickfham.github.io/CodeQuiz

Tools and Languages: JavaScript, HTML, CSS

Employment

September 2015 - Present

First Baptist Church, Jonesboro, GA - *Director of Instrumental Music, Music Director, Staff Arranger*

Associate to the Worship Pastor, director of all instrumental groups including a 6-piece band and 72-piece orchestra, rehearsal conductor, service conductor, concert conductor, composer, arranger, performer, team-builder, music-tech director. Balanced the creative with technical, administrative, and collaborative activities, weekly.

June 2010 - January 2016

P.T.Hutchins Ltd. (Ribelin, Azelis Americas), Covington, GA - *Laboratory Technician*

Planned and executed multi-seasonal schedules in materials-testing. Calendaring, collaborating with other researchers in remote labs, data-entry, data-manipulation, data-analysis, presentation of findings, mostly technical but somewhat creative and technical.

June 2010 - January 2016

Belmont Baptist Church, Conyers, GA - *Director of Music Ministries, Music Director, Arranger*

Director of all music groups including adult, students', and children's choirs, as well as instrumentalists. Creative, technical, and administrative.