

Ryan W. Schniederjan

Junior Full-Stack Developer | Houston, TX 77045

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I am a strong professional and creative software developer that can pick up new languages and systems quickly and can adapt to changing situations as needed. Previously, I was a Pathologists' Assistant with a demonstrated history of working in the hospital & health care industry.

Skills

- ◆ Debugging, Git, JavaScript, Python, Node.js, RESTful API, Express, PostgreSQL, React, Bootstrap, Bulma, Flexbox, AWS, HTML, CSS, C#, ASP.NET, MySQL, Azure, CLI, Adobe Photoshop, Premiere Pro, Illustrator, Microsoft Word, Excel

Relevant Experience

- ◆ **Terminal Kombat** - Python CLI video game - github.com/rynoschni/terminal-kombat August 2020
Languages: Python
Team: 4-person development team – create a video game using Python 3
Features: character selection, fight action selection with random point deduction as well as defense. Music was added via Pygame for user experience. [See Readme on GitHub](#).
Role: VSCode Live share system, Python coding, Pygame integration and audio files.
- ◆ **Hashed** – Full-Stack Personal Pantry App - hashedpantry.com September 2020
Stack: Node.js, Express, JavaScript, RESTful API, PostgreSQL
Team: 4-person development team – create a Full-Stack web application
Features: Using Node.js and Express, the app renders a front-end user website. The user can register and create personal Pantry, Grocery and Recipes lists. Items and quantities can be passed between the Pantry and Grocery lists. Using a single API, users are guided with selections on the Pantry and Grocery list items and can search for new recipes to try. Once the recipe is added, the user can save the recipe and add the ingredients to their Grocery list. [See Readme on GitHub](#).
Role: API integration DOM fetch JS, search box selection, profile page design, route and model, site images.
- ◆ **SquadMate** – Capstone Project: Mini-EMR and Emergency contact app – squadmate.app November 2020
Stack: MERN (MongoDB, Express, React, Node.js)
Team: 5-person development team
Features: Our team was asked to develop an app for a coach so his team parents could easily provide and update their emergency contact information and the athlete's acute medical information, like allergies, and populate a printable card. Our team created both a user and admin interfaces, with the ability to print a small card for each team member along with a QR code that would take a first responder to a secure page with the relevant medical information. [See Readme on GitHub](#).
Role: Project Manager/Scrum Master, React Developer

Education

- ◆ **DigitalCrafts** 2020
Immersive Full-Stack Software Development, Certificate in Full-Stack Software Engineering
- ◆ **Quinnipiac University** 2002 – 2004
Pathologists' Assistant Training Program, Master of Health Science.
- ◆ **West Texas A&M University & Amarillo College** 1997 – 2002
Bachelor Science, Biology; Computer Information Systems

Work History and Experience:

- ◆ **DigitalCrafts** 2020
Full-stack Software Development – learning multiple programming languages and working on teams to create applications
- ◆ **American Association of Pathologists' Assistants** 2007 – 2019
Chair of Information & Technology Committee – managed member database and CMS front-end website
Chair of Productions – was the executive producer/director for the AV for all live and virtual events, including video and audio editing post event.
Board of Trustees – member of the governing board of the Association
- ◆ **Gala Laboratories – Histology & United Pathology Associates** 2016 – 2020
Laboratory Operations Manager – management of 8+ employees and overseeing all Histology laboratory operations, including purchases, company finances, IT issues and functions, writing RFPs, business development and implementation of new technology and software. This role was truly an administrative director level position of a small business.
- ◆ **University of Texas Health Science Center** 2009 – 2015
Clinical Instructor & Lab Manager – Faculty position, overseeing pathology resident, medical student, and other health professional education in the Anatomic Pathology Department, manage the hospital AP staff and department.

Additional details on prior work & experience and references available upon request