

# Benjamin Arnett

571-598-0306 | [benjaminarnett7@gmail.com](mailto:benjaminarnett7@gmail.com) | [linkedin.com/in/benjamin-arnett](https://www.linkedin.com/in/benjamin-arnett) | [github.com/benjaminarnett](https://github.com/benjaminarnett)

## EDUCATION

---

### George Mason University

*Bachelor of Science in Information Technology, Concentration in Web App Development*

Fairfax, VA

Aug. 2018 – Dec. 2023

## EXPERIENCE

---

### Web Development Intern

*Skywide Logic*

May 2023 – August 2023

Newport Beach, CA

- Collaborated with other interns to develop the business's website in WordPress CMS.
- Evaluated multiple API plugins for importing occupational data.
- Styled banner image and search field on home page.
- Diagnosed and resolved WordPress plugin update error by identifying and removing redundant plugin.
- Used hosting provider interface to create subdomain for test branch implementation.

## PROJECTS

---

### Passphrase Gen | *React, Node.js, Tailwind CSS*

Jan. 2024

- Passphrase Gen allows to generate a strong passphrase using common words.
- Incrementing/decrementing word length and regeneration are performed with corresponding buttons.
- Displays passphrase strength (in bits of entropy) and average time to correctly guess the passphrase.
- Tailwind CSS utility classes are used to style margins and font size.

### GMU IT Senior Capstone | *Home Assistant Operating System (YAML), Spiceworks*

Jan. 2023 – Dec. 2023

- Our team was tasked with helping a local business improve their IT infrastructure. We automated customer notifications and configured an incident logging system.
- Automated notifications for smart TVs by setting triggers to execute at a specified time each day.
- Notifications include custom images, text, and sounds via YAML configuration.
- Enabled ticket creation and tracking using the Spiceworks Cloud Help Desk platform.
- Roles to enforce access privileges and categories to organize tickets were implemented to easily log incidents within the context of the client's business.

### Shattered Pixel Dungeon Website | *Bootstrap, jQuery, XMLHttpRequest*

Aug. 2023 – Dec. 2023

- An enthusiast website built in dedication to the *Shattered Pixel Dungeon* game as part of IT331, Web I: Web Development.
- Bootstrap default .container class was applied to make pages responsive.
- jQuery was used to validate form inputs and execute animations.
- On mouseover event, XMLHttpRequest was used to retrieve images.

### SQLite Editor | *Express.js, EJS, SQLite*

Jan. 2023

- Created web app that allows users to create, delete, and search SQLite databases.
- Users are prompted to confirm their database deletion.
- Displayed databases are automatically filtered by search queries.
- Provides routes to handle get/post requests with Express.js.
- Enables the use of templates (i.e., header/footer) with EJS.

## TECHNICAL SKILLS

---

**Languages:** JavaScript, SQL (SQLite), HTML/CSS, Python

**Frameworks:** Create React App, Node.js, Tailwind CSS, Express.js, WordPress CMS

**Developer Tools:** Git, VS Code

**Libraries:** React