

ALEXANDER GRATTAN

DEVELOPER

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➤ EDUCATION

University of Pittsburgh

B.S. Computer Science

B.S. Digital Narrative and Interactive Design

Relevant Coursework: Intermediate Programming with Java, Discrete Structures for CS, Data Structures

Aug. 2020 to May 2023

Robert Morris University

B.A. Communications/Advertising

GPA: 4.0 - Dean's List and Honors Program

Aug. 2019 to May 2020

➤ SKILLS

SOFTWARE DEVELOPMENT: Java, Python, JavaScript, HTML/CSS, React.js, Vue.js, GitHub, WordPress, Netlify

VIDEO EDITING: DaVinci Resolve, Premiere Pro, Final Cut Pro X, Adobe Audition

UI AND UX DESIGN: Figma, Adobe XD, Photoshop, Artboard Studio

ONLINE COURSES: The Odin Project, Udacity: HCI, LinkedIn Learning

➤ PROJECTS

Virtual Safari

Built an interactive and responsive web version of *The Lion King* Bonus DVD game, "Timone and Pumbaa's Virtual Safari Jeep Tour" where the warthog and meerkat's decisions are dictated by the user. The experience was made by editing clips in DaVinci Resolve and using JavaScript to make interaction possible. Designed to work across both desktop and mobile interfaces.

> Hosted Site: virtualsafari.netlify.app > GitHub Repo: <https://rb.gy/b6g7z0>

Online Bookshelf

Made an online bookshelf that queries from local storage a list of books and displays them to the user who can then decide to remove or add books to the bookshelf. Uses JavaScript ES6 classes to construct the book objects.

> Hosted Site: ag-library.netlify.app > GitHub Repo: <https://rb.gy/hsddag>

Danny's Subs

Created a React application that uses React Routers to display different pages of a fictitious sub shop website. Incorporated GSAP to create fluid animations.

> Hosted Site: dannysubs.netlify.app > GitHub Repo: <https://rb.gy/bfhogz>

Tiny Jim's Smokehouse

Constructed a responsive website for a made-up BBQ restaurant. The layout was first designed in Figma before transferring the components into code. Depicts location information using Google Maps API.

> Hosted Site: tinyjimsbbq.netlify.app > GitHub Repo: <https://rb.gy/eljede>

➤ EMPLOYMENT

Jet's Pizza

Crew Member

Complete a variety of tasks including prep work, cooking, managing phones and taking care of orders. Display customer service skills in-person and on the phone while keeping tabs on repeat customers.

Pittsburgh, PA
Apr. 2020 to Current

Robert Morris University

Webmaster

Planned, developed, tested, deployed, and maintained WordPress website for the Colonial Sports Network, a student-run sports news organization. Implement intelligent SEO with Google Search Console and analyze stats with Google Analytics. Worked well independently as the sole webmaster and within a team setting of fellow students.

> <https://colonialsportsnetwork.com/>

Moon, PA
Oct. 2019 to May 2020

➤ VOLUNTEERING

Global Links · Packaging Volunteer

Pittsburgh, PA

Help package surplus medical supplies to send to impoverished countries.

Oct. 2019 to Mar. 2020