

Alexander Grattan Fullstack Developer

✉ alex@grattan.me ☎ 412-576-2807 🌐 agrattan.com in alexander-grattan 🔄 agrattan0820

EDUCATION

B.A. Digital Narrative and Interactive Design, *University of Pittsburgh* 📍 08/2020 – 12/2022
Pittsburgh, PA
GPA: 3.82 | Minor in Computer Science
Coursework: Algorithms and Data Structures 1 & 2, Interface Design Methodology, Discrete Structures for CS, Computer Organization and Assembly Language
Clubs: Pitt Computer Science Club (PR Manager 2021-2022)

SKILLS

Programming Languages

TypeScript, JavaScript, Java, Python

Front-End Development

React, Next.js, Gatsby, Sass/Scss, Tailwind CSS, CSS-in-JS, Storybook, HTML/CSS

Back-End Development

REST APIs (Node.js, Fastify.js), Databases (PostgreSQL, MySQL), GraphQL, Headless CMSs (Sanity, WordPress)

App Development

React Native, Expo

EXPERIENCE

Software Developer, *Actual Size*

- Produce React web applications written in TypeScript for a variety of sectors including education, energy management, and real estate development.
- Collaborate alongside a small team to develop accessible products, write in-house documentation, and acquire new skills as needed.

01/2023 – present
Pittsburgh, PA

Software Developer | *Contract, Actual Size* 📍

- Led development of a Node.js REST API backend written in TypeScript for an alcohol industry employee training tool.
- Constructed unit tests and established clear documentation for both internal and client use.

08/2022 – 12/2022
Pittsburgh, PA

Software Developer Intern, *Actual Size* 📍

- Built and deployed 2 educational iOS and Android apps using React Native.
- Learned PHP on the job to combine a legacy PHP/Laravel application with a newly constructed Next.js application on a tight deadline.

05/2022 – 08/2022
Pittsburgh, PA

Software Developer | *Contract, Actual Size*

- Constructed a React marketing website with a Sanity CMS backend.
- Initiated the development of a cross-platform React Native mobile app aiming to educate students in news literacy.

08/2021 – 05/2022
Pittsburgh, PA

Public Relations Manager, *Pitt Computer Science Club* 📍

- Designed and created graphics, videos, and social media posts to promote the club's activities and contribute to the growth of over 400+ members.
- Developed and managed the club's Gatsby website, bringing in about 2,200 unique visitors per month.

05/2021 – 05/2022
Pittsburgh, PA

Software Developer Intern, *Actual Size* 📍

- Solely developed 3 complete React websites and conducted maintenance on 5 others.
- Constructed a notification system as well as 18 distinct design system UI components for an alcohol education platform used by more than 400 different universities and organizations.

05/2021 – 08/2021
Pittsburgh, PA

PROJECTS

Big Burgh, <https://github.com/agrattan0820/big-burgh> 📍

Constructed a prototype React Native iOS and Android app based on the city of Pittsburgh's web application 📍 for food and shelter resources of the same name.

07/2022 – 11/2022

Secret Pittsburgh, <https://www.secretpittsburgh.org/> 📍

Developed a revised website for the Secret Pittsburgh class at the University of Pittsburgh dedicated to uncovering hidden spaces and unusual places in the city of Pittsburgh. *GitHub:* <https://github.com/agrattan0820/secret-pittsburgh> 📍

01/2022 – 04/2022