

Ashwin Yerramsetty

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EDUCATION

University of North Carolina at Chapel Hill (Bachelors of Science)

Aug 2019 – Dec 2022 | Chapel Hill, NC

- ❖ **Double Major:** Computer Science, Psychology
 - CS-GPA: 3.500 | PSYC-GPA: 3.814
 - Dean's List: Spring 2021, Fall 2021, Spring 2022
- ❖ **Relevant Coursework:** Models of Languages and Computation, Foundations of Programming concepts(Java), Intro to scientific programming(Python), Systems Fundamentals, Modern Web Programming(HTML/React/Firebase), Artificial intelligence(Python), and Data science basics(R).

SKILLS

Primary Skills/Certifications: Python, AWS cloud practitioner+solutions architect(lightsail, EC2, MongoDB, etc)

Other Familiar Skills: Java, SQL, HTML, React.JS, Javascript, CI/CD (git, Docker), VS code, IntelliJ, Jupyter Notebook, Microsoft suite, Adobe suite

EXPERIENCE

COVID-19 Tracking Dashboard w/ Pandemic Resources

February 2022 – April 2022 | Chapel Hill, NC

This Dashboard provides various information such as number of current cases, deaths, as well as the ratio of Positive to Negative tests in Pie chart form. <https://a99-petra.vercel.app/dashboard>

Front-end developer/Back-end support

- ❖ Utilized React and Next.js framework in order to build the interface for the website.
- ❖ Extrapolated data required for the dashboard by using the "CovidActNow" api for the Positive/Negative test chart as well as all other COVID-19 information.
- ❖ Designed the homepage, the user profile page, and the main Covid-19 Dashboard page.
- ❖ Enhanced the users' experience by designing an ergonomic yet simple look for the website.
- ❖ Collaborated on an extra functionality that allowed for smoother navigation between different web pages.
- ❖ Streamlined the login/signup functionality by utilizing Firebase and ensured that each login/signup was accurately reflected in the user profile.

PSA Clothing PTP.

June 2019 – October 2021 | Concord, NC

Clothing partnership that targets special interest groups and creates shirts for social movements and different organizations

Creative Director

- ❖ Secured 4 clients (UNC Organizations) for the 2021-2022 academic year and beyond after launching an outreach or sales initiative to contact 50+ clubs/organizations at UNC-Chapel Hill
- ❖ Developed a functioning website (<https://www.psaclthingptp.com/>)
- ❖ Streamlined the manufacturing process and oversaw operations to aid in making the business process more cost-effective
- ❖ Devised a business proposal analyzing various elements (ex. products/services, competition, operational plans, etc.)
- ❖ Recruited and supervised a team of six individuals functioning in operations, freelance designing, and photography

HOBBIES/ACTIVITIES + MISC. TECHNICAL PROJECTS

- ❖ Conducted a data analysis on Messi's career and world cup predictions using R for my 500 level Data Science course.
- ❖ Developed Loose AI based gaming projects using Python/JAVA
 - Queens game- Wrote a program using the Hill-Climbing algorithm that places 10 queens on an 10x10 where none of the queens are in conflict with each other.
 - A* game- Wrote a program using the A* algorithm to find the path between two user selected nodes
- ❖ Built a game called Nonograms using JAVA
 - Employed a model-view-controller design pattern together with the JavaFX UI library to design a complete, functioning GUI implementation of the single-player logic puzzle game
- ❖ Built multiple Mobile apps with Android Studio: grade calculator app • Shopping list app • todo list app • Weather app • tip calculator app • discount calculator app • expense tracking app • forum app w/ comments
- ❖ Helped tutor students for COMP 116 (Intro to scientific programming)
- ❖ **Hobbies:** Amateur Music Producer (shorturl.at/iyEMV, I'm popular in Poland!), Robotics club mentor, Full-time Messi fan, Recreational NFL and NBA analyst, Music lover (especially Hip Hop and J.Cole), Piano, Futsal player, and recent plant enthusiast.