

JUSTIN PUTHENPURAYIL

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EDUCATION

Purdue University

Bachelor of Science in Computer Science, Minor in Mathematics, Psychology

West Lafayette, IN

Aug. 2022 – December 2025

- Dean's List 2022-23, 2023-2024
- Relevant Courses: Data Structures (CS251), Systems Programming (CS252), Relational Databases (CS448)
- Member of Purdue Hack the Future, Alpha Phi Omega, Sports Analysis Club, Intramural Sports

EXPERIENCE

Data Analytics Intern

Ally Financial

May 2024 – August 2024

Charlotte, NC

- Utilize Figma, React, TypeScript, HTML, and CSS to build a multiview search feature for a modernization project
- Develop 20+ BDDs (business design document) directly under Product Owner, facilitating clear communication for both development and UI/UX teams
- Collaborate within a Scrum framework, gaining hands-on experience with the Agile methodologies and Jira tickets

Web Developer

Purdue University College of Liberal Arts

May 2023 – Present

West Lafayette, IN

- Develop page templates using Apache Java Velocity/XML, HTML, CSS
- Executed support tickets to create, modify, and delete pages for Purdue facility with Cascade CMS
- Reduced broken links on legacy pages by 24% - fixed over 1,500 links

Head Code Sensei

Code Ninjas

September 2019 – September 2022

Wexford, PA

- Mentored children ages 7-14 with various programming projects in Scratch, JavaScript, and Lua
- Trained a total of 3 Sensei with grading, teaching, and student management
- Trusted with opening and closing store

PROJECTS

Fantasy Nicknames | Figma, React, Firebase Real-time Database (NoSQL), Selenium

- Developed a React-based fantasy football nickname finder web app
- Utilized Selenium/Python to web scrape 1000+ nicknames into a Firebase Database
- Created an intuitive UI/UX through Figma, attracting 150+ users with 62.2 thousand impressions
- Enhanced efficiency by optimizing nickname search process, reducing user searches from 8 to 1 website visit

Assignment Assigner | Flask, SQLAlchemy, SQLite, HTML, CSS

- Created application allowing users to create, edit, and delete assignments and their assignee's
- Utilized Flask and SQLAlchemy to construct the website, ensuring a robust and scalable architecture
- Demonstrated proficiency in DDL/DML through ORM and prepared SQL statements to manage SQLite database

Distinguished Medical Communications | Figma, HTML, (S)CSS, JavaScript, jQuery

- Built website using HTML, SCSS, Bootstrap, and JS/jQuery simulating a medical communications website
- Employed JavaScript localStorage to save user input across sessions, ensuring data persistence
- Awarded 2nd place at PA State Competition in Webmaster category for Technology Student Association

Nursing Home Mask Initiative | HTML, (S)CSS, PHP, Laravel, MySQL, LocationIQ API

- Led web development team in developing platform connecting mask-makers with nursing homes during pandemic
- Built database of nursing homes using MySQL and connected to front end with Laravel and PHP
- Coordinated with Pittsburgh Penguins to promote initiative in Pittsburgh region

TECHNICAL SKILLS

Languages: Java, Python, C/C++, JavaScript, TypeScript, HTML/CSS, PHP, JSON, SQL, XML, x86-64

Frameworks: Bootstrap, React, Node.js, Laravel, Flask, WordPress, Selenium, Beautiful Soup, Apache Velocity

Developer Tools: Git, VS Code, Visual Studio, IntelliJ, Eclipse, Vim