

Pranal Siripurapu

 Pittsburgh, PA |  +1 (425) 471-2946 |  realpranal@gmail.com |  <https://pranalsiripurapu.com/>

Experience

University of Pittsburgh — Osher Lifelong Learning Institute (OLLI) Web Development Intern & Digital Literacy Instructor	September 2025 - Present
- Collaborated with a team of 4 to redesign and modernize the OLLI website using the official University of Pittsburgh web template. - Migrating outdated content into the new sandbox system to improve usability, and accessibility. - Worked with staff to ensure site structure and navigation meet the needs of students, faculty, and program participants. - Led workshops and held office hours teaching senior program participants skills such as email, Microsoft office, and online safety. - Provided live tech support during virtual OLLI classes, ensuring smooth participation and accessibility.	

Vercible AI/ML Intern	June 2024 - August 2024
- Built a chatbot application using GPT-3.5 Turbo that matched students to 700+ internships and camps. - Designed a custom matching system filtering by location, GPA, major, interest, and pay/cost. - Improved efficiency of student search workflows by automating opportunity recommendations.	

Education

University of Pittsburgh - School of Computing and Information Bachelors of Science in Computer Science	Expected Graduation - May 2029
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Projects - all personal projects in pranalsiripurapu.com and github.com/shinrinyoku-pranal/

BLE Proximity Application, Wireless Innovation Hackathon for Accesibility	October 2025
- Built an accessibility-focused Bluetooth Low Energy (BLE) tracking system providing real-time proximity feedback through auditory alerts. - Designed to support parents with visual impairments in public spaces, enhancing safety and usability. - Leveraged ESP32 hardware and Android integration for fast, reliable communication. - Focused on user-centered design, accessibility, and practical problem-solving.	

Health Insurance Predictor, SteelHacks Hackathon  https://devpost.com/software/medical-insurance-predictor	September 2025
- Developed a full-stack application using Flask (Python) backend, HTML/CSS/JavaScript frontend, and a Random Forest regression model to predict yearly medical insurance costs based on user inputs (age, sex, BMI, number of children, smoking status, region). - Cleaned and preprocessed real-world dataset from Kaggle; encoded categorical variables; ensured data quality for accurate modeling. - Handled integration between machine learning model and web app through API endpoints; optimized for smooth user experience despite dynamic updates.	

QR Studio, Personal  https://qrstudio.pages.dev/	September 2025
- Designed a web app that generates downloadable QR codes from text or links using QRCode.js. - Deployed on Cloudflare Pages, ensuring scalability and low latency.	

Certifications

Office Associate (Word, Excel, Powerpoint) Microsoft  https://www.credly.com/badges/933bfabe-e470-4d1e-8b0e-cb08f6632a9f/public_url	December 6th, 2024
AI Essentials Google  https://coursera.org/share/5c020a805c9135fb08b673ffb36528fe	April 30th, 2024
Foundations of UX Design Google  https://coursera.org/share/1fa7f063fa7f08d6b7548b3fabf1dd2b	July 5th, 2024

Languages

English Native 	Telugu Native 	Hindi Proficient 
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