NEIL PRABHU

neilprabhu@hotmail.com • (630) 995-0780 • ○ /neil784 • in /in/neilprabhu784

EDUCATION

University of Illinois at Urbana-Champaign   August 2020 – May 2024
Bachelor of Science in Computer Science   GPA: 3.91/4.0

- **Relevant Coursework:** System Programming, Internet of Things, Algorithms, Web Programming, Database Systems, Data Structures, Computer Architecture, Discrete Structures
- **Honors**: Dean's List (Fall 2020, Spring 2021, Fall 2021)

EXPERIENCE

United Airlines   Chicago, IL
Digital Technology Intern – iOS App Development   May 2022 – August 2022

- Participated in the planning, design, and implementation of the edit search feature on the United mobile app for iOS
- Worked with developers, business analysts, UX, and QA teams throughout the development process
- Implemented components as per the MVC model and handled the underlying logic behind user inputs
- Performed rudimentary unit, regression, and E2E testing on several of the deliverables

CS 124 – Introduction to Computer Science I   Champaign, IL
Course Assistant   August 2021 – May 2022

- Conducted one-on-one support sessions with students to assist them on machine projects, daily homework problems, and practice quizzes
- Contributed towards course content by recording audio walkthroughs and homework solutions

Private Pilot's License [ASEL]   Bolingbrook, IL
Certified Airman   June 2018 – January 2020

- Earned an FAA-certified Private Pilot's License which certifies the holder to operate and act as Pilot in Command (PIC) of any Single-Engine Land Aircraft

PROJECTS

Aeronautical Multi-tool Android App

- Created an Android app called Pilot Pal that has several aeronautical features: search METAR/TAF reports by ICAO identifier, search airport information, perform crosswind/headwind calculations, perform fuel and flight time calculations, perform descent calculations by distance or vertical speed

Project Idea Matching Application

- Created a full-stack application called Spark with a team of 4 that matches users with compatible skill sets to interesting project ideas which other users have posted
- Used Figma for the UI mockups, React Native for the frontend, NodeJS & ExpressJS for the backend, and MongoDB Atlas for the database
- Implemented several HTTP endpoints and queried database using the Mongoose library as required

Restaurant Finding Application

- Created a full-stack web application called Food Finder with a team of 3 that displays restaurants in the Chicagoland area and enables users to track past order history
- Used ReactJS for the frontend, NodeJS & ExpressJS for the backend, and MySQL for the database
- Developed several pages on the frontend, and styled individual components using CSS
- Constructed REST API requests using Axios and handled the responses accordingly

SKILLS

- **Languages & Tools:** Java, Python, C/C++, Swift, HTML, CSS/SCSS, JavaScript, ReactJS, NodeJS, ExpressJS, SQL, MongoDB, Neo4j, Git