

Declan Kene Chukwu

☎ +353 857236068 ✉ kenedeclanchukwu@gmail.com 📄 github.com/kenechukz 🔗 linkedin.com/in/kene-declan-chukwu

PERSONAL PROFILE

- I'm a dedicated and hardworking tech enthusiast.
- I have strong interpersonal and communication skills and I am ready to excel in the workplace.

EDUCATION

University College Dublin

Bachelors of Computer Science

Sep 2023 - Oct 2027

Stage 1 Modules:

Algorithmic Problem Solving, Computer Programming I, Functional Programming, Intro to Computer Architecture, Matrix Algebra.

EMPLOYMENT HISTORY

Johns Hopkins Hospital

Senior Software Engineer Work Shadow | JavaScript, Java, CSS, HTML, PHP

Feb 2022 - Mar 2022

Baltimore, MD

- Collaborated on troubleshooting medical applications, enhancing software development and system design knowledge.
- Resolved a critical application issue: ticket submission checkbox wouldn't save, utilized JSON to pinpoint and fix the problem.
- Investigated and addressed a logic issue unrelated to checkbox state using 'Inspect element' console.
- Checked Epic Systems for changes, examined submit button code, and corrected faulty logic, resolving checkbox problem.

Administrative Aspects:

- Proficiency in time management with applications like Kronos and ServiceNow.
- Familiarity with Jira and Bitbucket for effective change and project management.
- Documented task progress using Jira's Kanban board, implementing stages (to do, in progress, completed).

All Ireland Programming Olympiad (AIPO)

Jan 2022 - Apr 2022

- Participated in AIPO 2022 and made it to the final round of the competition.
- Used the following algorithms to solve some of the problems (done in **Python**):
- Built out **Dijkstra's algorithm** and converted it to a longest path-finding algorithm to solve a network routing problem.
- Implemented **Depth First Search** to solve a grid/matrix word search problem.
- Used the Sieve of Eratosthenes to solve a prime number problem.

Retail Assistant - Diesel

Oct 2023 - Present

- Greeted customers as they entered the store.
- Carried out resales to ensure stock is sufficient and in right size order.

PROJECTS

ANALYSING CENSUS DATA USING PYTHON | Python, Pandas, CSV files

- Analysed Census data on squirrels in Central Park New York and created a **CSV** file for it.
- Read the file and created counters to get the number of each fur colour in **Python** script.
- Used the **Pandas** module to create a data frame for their fur colours and converted this to a **CSV** file in script.

COURSE WEBSITE BUILT IN DJANGO FRAMEWORK | Python, Django, HTML, CSS, JavaScript, Bootstrap, PostgreSQL

- Created a dynamic website in the **Django** framework.
- Website offered different courses in programming and other science disciplines.
- Created a signup page, a login section and a main page.
- Used a POST request to send this information to the SQL database and save a new user.
- Checked the database for the user when the user logged in using the GET request.

TECHNICAL SKILLS

- **Languages:** Python, HTML, CSS, C, JavaScript
- **Libraries/Frameworks:** Pandas, Turtle, Pygame, Django, PostgreSQL, Git
- **General:** Time management, Change management, Problem Solving, Communication, Cooperation, Resilience

ACHIEVEMENTS

- Awarded Student of the Year 3rd year (2020/2021) and Sports Star of the year in 6th year (2022/2023) at CPS.
- Was a Student Council member and a Senior Prefect in secondary school.
- Received a perfect attendance and punctuality award in 2nd year.
- Member of the U17's Irish Squad in basketball.
- Completed the Google Crash Course on Python on Coursera.