

JUNEAD KHAN

junead01@googlemail.com

UK: +44 7807 512940 | US: +1 (339) 221-7394
[linkedin.com/in/junead-khan](https://www.linkedin.com/in/junead-khan) | github.com/juneadkhan

EDUCATION

The University of North Carolina at Chapel Hill

Chapel Hill, NC

Bachelor of Science in Computer Science and Biostatistics, Minor in Neuroscience. **GPA 3.81**

May 2023

Honors: Morehead-Cain Scholar, Honors Carolina, Sutton Trust US Programme Scholar

EXPERIENCE

JP Morgan Chase & Co

Bournemouth, UK

- Incoming Software Engineer Intern

June 2021 - August 2021

London School of Hygiene and Tropical Medicine

London, UK

- Associate Research Consultant

Feb. 2021 – Present

- Implemented a Latent Class Analysis of the NATSAL-3 dataset to identify vulnerable subgroups within the elderly population.

- Data Research Intern

Aug. 2020 - Jan. 2021

- Collaborated with international partners across 3 countries (UK, US and China) for a study on sexual health
- Analysed NATSAL database to garner and communicate insights from the largest and most detailed scientific studies of sexual behaviour in the world

Google Developer Student Clubs - UNC

Chapel Hill, NC

- Co-Lead (Vice-President)

Aug. 2020 – Present

- Grew the organization 560% to become one of the largest tech clubs at UNC-Chapel Hill and the Research Triangle
- Improved member confidence in Google Technologies such as Firebase and Flutter by 110%
- Maintained relationships with over 100 other institutions as part of the Google DSC network for North America

Google Cloud

Remote, USA

- Cloud Data Analyst Specialization

Jun. 2020 – Aug. 2020

- Guided by Google Engineers to use Google Cloud Platform tools such as BigQuery, DataPrep and Data Studio
- Analysed over 20 large public datasets using advanced SQL and other GCP tools to garner and communicate insights
- Developed and evaluated Machine Learning models using BigQueryML over 74GB of data

PROJECTS AND PUBLICATIONS

Ten Sin - 3D Bowling Game | C#, Unity3D, Blender

- Created a 3D Bowling Game using the Unity Game Engine, utilizing LPPV Dynamic Lighting, Collision-aware Physics modelling and custom 3D Assets generated using Blender

GPace - GPA Calculator iOS App | Swift

- Designed an iOS application using SwiftUI to allow for tracking and calculation of grades and overall GPA
- Utilized by College Students from several colleges across the US with 5-Star rating on Apple App Store

pixelpedia | HTML/CSS, Javascript, React, Bootstrap, Mapbox GL JS, Firebase, OAuth

- Developed a web application that acts as a singular directory for ideal photo spots across the world
- Used a React Frontend and Mapbox GL JS to present data via an intuitive map-based UI

Raspberry Pi Voice Assistant | Linux, BASH, Google Cloud Platform, Python

- Built a cloud based voice-assistant using Google Assistant API and Google Cloud Platform
- Implemented Raspberry Pi Hardware and configured using BASH and Python scripts

Taxi System Backend | Java, SQL, BigQuery, GCP

- Programmed the backend system for an Uber-esque pick up system assigning the nearest drivers to passengers
- Developed a Machine Learning model to forecast taxi fares and revenue using BigQuery and SQL

TECHNICAL SKILLS

Languages: Java, Python, Swift, C/C++, C#, SAS, SQL, JavaScript, HTML/CSS, MATLAB, Assembly (MIPS)

Frameworks: jQuery, Node.js, Bulma, Bootstrap, Angular, JUnit, React

Technologies: Linux, Git, Google Cloud Platform, Raspberry Pi